

STATE OF CALIFORNIA  
THE RESOURCES AGENCY  
**DEPARTMENT OF WATER RESOURCES**  
SOUTHERN DISTRICT

**WATERMASTER SERVICE**  
in the  
**CENTRAL BASIN**  
**Los Angeles County**

**July 1, 2003 - June 30, 2004**

**October 2004**

**ARNOLD SCHWARZENEGGER**  
Governor  
State of California

**MIKE CHRISMAN**  
Secretary for Resources  
The Resources Agency

**LESTER A. SNOW**  
Director  
Department of Water Resources

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## FOREWORD

The Department of Water Resources, as Watermaster, is pleased to submit this report on water supply conditions in the Central Basin during the 2003-2004 fiscal year. The report is prepared annually in accordance with the provisions of the Los Angeles County Superior Court Judgment in the Central Basin. The Judgment, together with Part 4, Division 2, of the California Water Code, authorizes this publication and the Department's administration of the Watermaster Service Area.

In 2003-2004, the Parties pumped 195,901 of their 241,457 acre-feet of "Allowable Extractions"; 24,128 acre-feet was kept as carryover.

The report includes information on groundwater extractions, use of imported water and recycled water, replenishment operations, and administration of the Water Exchange Pool, and a financial report on Watermaster Service during the 2003-2004 fiscal year.

The Watermaster wishes to acknowledge and express appreciation for the assistance and support received from the many public and private organizations and individuals whose contributions were essential to this report.

The success of Watermaster Service is dependent on continued cooperation and communication between the Watermaster and the water users.

Mark Stuart, Chief  
Southern District  
and Deputy Watermaster



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(Bound at back of report)

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STATE OF CALIFORNIA  
**Arnold Schwarzenegger, Governor**

THE RESOURCES AGENCY  
**Mike Chrisman, Secretary for Resources**

DEPARTMENT OF WATER RESOURCES  
**Lester A. Snow, Director**

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### **Southern District**

Mark Stuart, P. E. .... Chief and Deputy Watermaster

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## I. INTRODUCTION

The Central Basin is a large groundwater basin underlying the southeastern part of the Los Angeles Coastal Plain. It is bounded on the north by the hills separating it from the San Gabriel Valley, on the east by Orange County, and on the southwest by the West Coast Basin (Figure 1).

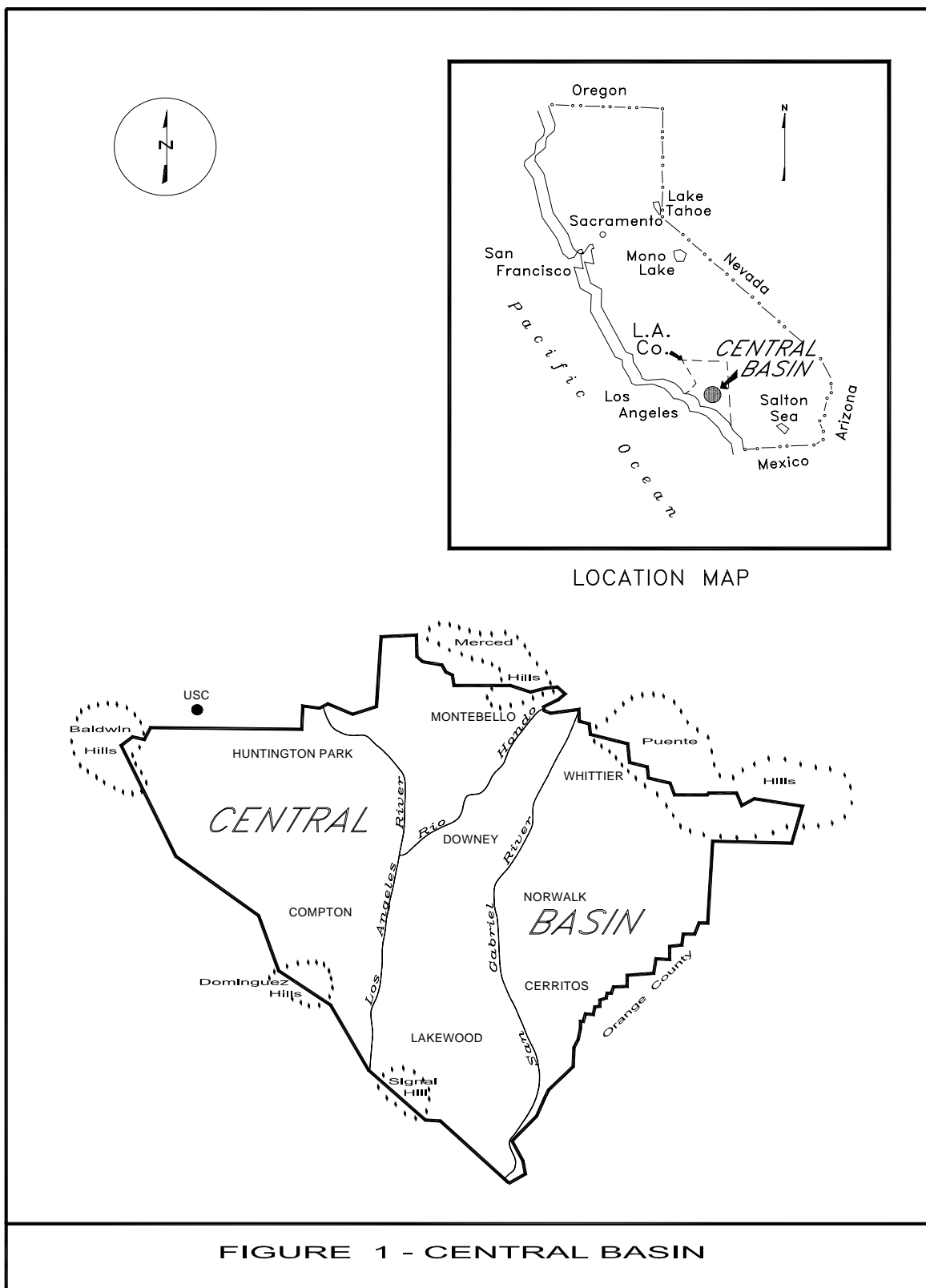
Most of the 277-square-mile Basin is urban-suburban, consisting of 23 incorporated cities. A substantial portion of the water used on the overlying land is pumped directly from the Basin.

Over 50 years ago, overdraft of the groundwater basin and declining water levels caused sea water intrusion and threatened the groundwater supply. However, timely legal action and adjudication of the water rights halted the overdraft and prevented serious damage to the Basin. Today, groundwater use in the Central Basin is restricted to the adjudicated rights by a Superior Court Judgment and monitored by a court-appointed Watermaster. The Watermaster's primary duty is to administer the controls prescribed by the Judgment and report annually to the Court and Parties on significant groundwater-related events that occur in the Basin. The Basin has been under the Watermaster since 1962.

Appendix A contains the continuing history of Watermaster Service operations and the duties and functions of the Watermaster.

This report summarizes the Watermaster's work, conditions of groundwater supply, water use, and groundwater replenishment and includes a financial report for the 2003-2004 fiscal year.

There are three parts to the report: (1) Introduction, (2) Summary of Water Conditions and Operations, and (3) Details of Water Use and Operations. This third section contains the figures and tables on water supply, water use, replenishment, and administration costs. The appendixes contain backup data for these tables.



## II. SUMMARY OF WATER CONDITIONS AND OPERATIONS

Tables and figures referred to in the text that follows are for Fiscal Year 2003-2004.

### Average Rainfall

- 9.01 inches, 64 percent of the calculated 90-year average rainfall on the Coastal Plain.
- Mean seasonal precipitation on the Basin (base period 1897 - 1947) ranges from 12 inches at Long Beach to 16 inches at Whittier Narrows.

### Conservation

- Overall replenishment operations decreased by 35 percent, excluding water used for sea water intrusion barrier operations.
- 36,128 acre-feet of storm runoff was recharged, 28,262 acre-feet less this year than last year.
- 20,369 acre-feet of purchased water was spread this year (3,072 more than the amount purchased and spread last year).
- 39 percent of the total water spread was recycled water from three nearby water reclamation plants.

### Parties Wells

- 315 active and 151 inactive wells.
- 9 wells drilled, 6 destroyed.

### Alamitos Barrier Project Operations (Table 6)

35 injection wells, 4 extraction wells, and 277 observation wells operating.

### Water Quality

- The following averages were compiled for 2003-2004. Data were provided by Central Basin Municipal Water District and the Metropolitan Water District of Southern California.

#### Mean Values of Concentrations, in mg/L

<u>Quality factor</u>	<u>Groundwater</u>	<u>Colorado River water at Lake Mathews</u>	<u>State Water Project water at Castaic Lake</u>
Chloride	156	83	67
Sulfate	66	232	44
Hardness (as CaCO <sub>3</sub> )	335	286	114
TDS	640	595	268

### Central Basin Early Remediation Project

The Judgment as amended on May 6, 1991, provides conditions whereby the Water Replenishment District can grant a non-consumptive use permit as part of a project to remedy or ameliorate groundwater contamination.

On January 12, 2001, the Water Replenishment District of Southern California issued a "Non-Consumptive Use Permit" to the Southeast Water Coalition allowing groundwater extraction for removal of contaminants entering the Central Basin from the San Gabriel Groundwater Basin.

### Exchange Pool

- There was no Exchange Pool administered for this fiscal year.

### Water Right Sales and Leases

- Sales have reduced number of Parties from 508 (1966-67) to 143 (2003-2004).
- This fiscal year, 59 leases totaling 21,305.47 acre-feet were made.

### In-Lieu Replenishment Program

Water Replenishment District of Southern California (WRD), in cooperation with the Metropolitan Water District of Southern California (MWD), operates an in-lieu replenishment program. There was no program this year.

### Overextractions

- Nine parties and the State of California (Caltrans) overextracted. Caltrans and three parties were in violation of the judgment; the parties in violation were Midland Park Water Trust, St. John Bosco School, and Southern Service Co. and Environmentals, Inc. (Table 3).
- Midland Park Water Trust discontinued pumping after September 2001 in a move to eliminate its cumulative overextraction. The Parties will eliminate their overextractions by a combination of reducing pumping, leasing water rights, purchasing water, and obtaining Exchange Pool water.

### California Department of Transportation (Caltrans)

- Caltrans pumped 11,261.96 acre-feet of water from 1997-98 through 2002-2003, and 2,043.74 acre-feet in 2003-2004. Since 1999-2000, Caltrans has been pumping more than 2,000 acre-feet of water per year and has been discharging this water to the Los Angeles and the San Gabriel Rivers.

Caltrans representatives have been meeting with the Water Replenishment District and with pumpers during the last seven years to resolve issues involving water rights, replenishment assessments, and disposal of the water including treatment of the water and use of water by a water utility.

Watermaster is monitoring these discussions in an effort to resolve these issues and find a way that Caltrans can operate within the decree.

### Water Use (Tables 1, 10 and Appendix C)

- In fiscal year 2003-2004 extractions were 21,466 acre-feet less than the total Allowed Pumping Allocation, whereas in fiscal year 2002-2003, extractions were 19,966 acre-feet less than the Allowed Pumping Allocation.
- Imports increased 2.2 percent. Recycled use increased 2.6 percent.
- Total water use increased 1 percent. Parties supplied 421,464 acre-feet to their customers; this does not include the amount pumped by Caltrans and discharged to the Los Angeles and San Gabriel Rivers.

### Long Beach Conjunctive Use Program

The City of Long Beach has executed agreements with the Metropolitan Water District of Southern California and the Water Replenishment District of Southern California, whereby Long Beach is importing water from MWD instead of pumping their groundwater rights. The object of the agreement is to store water in the groundwater basin for future use.

In the last two fiscal years, Long Beach claims the following quantities of stored water, in acre-feet:

F.Y. 2003	790
F.Y. 2004	<u>12,210</u>
Total to date:	13,000

Watermaster is reporting these values, without acknowledging their legal standing under the Judgment. According to the Judgment, Long Beach lost 10,468.28 acre-feet of allowable pumping rights during the 2004 Fiscal Year.

#### Imported Water (Table 10)

- In fiscal year 2003-2004, a total of 215,535 acre-feet of water was imported to Central Basin.
- Water from the Colorado River and water from the State Water Project arrives through MWD's facilities for distribution throughout the Basin by the following agencies:
  1. Cities of Compton, Long Beach, and Los Angeles;
  2. Central Basin Municipal Water District (CBMWD); and
  3. West Basin Municipal Water District (WBMWD).
- The City of Los Angeles also imports water from the Owens River-Mono Basin.
- California Domestic Water Company, San Gabriel Valley Water Company, Suburban Water Systems, and the City of Whittier import groundwater from the San Gabriel Basin.

#### Recycled Water (Table 10)

- Excluding recycled water used to recharge groundwater aquifers of Central Basin, recycled water use amounted to 12,072 acre-feet (313 acre-foot increase from last year).

#### Budget (Table 12)

- The budget was submitted to the Parties on June 1, 2003, and adopted as final budget on July 1, 2003.

Apportionment of Parties' Share of Budget (Table 13)

- A 5 percent penalty is assessed if payments become delinquent.
- Eight parties were penalized because their payments were not made within the allowable 30 days after service of the invoice.
- Assessments totaling \$313.36 was collected for delayed payments.

TABLE 1. SUMMARY OF OPERATIONS

	Fiscal Year 2002-2003	Fiscal Year 2003-2004
Parties	143	143
Active Pumpers	83	82
Active nonparties	5	5
Allowed Pumping Allocation, (APA) in acre-feet	217,367	217,367
Watermaster expenses	\$ 429,215	\$ 390,706
Watermaster expenses per acre-foot of APA	\$ 1.97	\$ 1.80
Rainfall, in inches	14.38	9.01
Injection at Alamitos Barrier Project, in acre-feet*	5,012	5,880
Spreading operations, in acre-feet*	141,414	92,316
Extractions, in acre-feet**	197,401	195,901
Imports, in acre-feet*** 210,824#	<del>244,070</del>	215,535
Recycled water use, in acre-feet##	11,759	12,072
Total water use by Parties, in acre-feet 419,984#	<del>420,230</del>	423,508
* Provisional information from Los Angeles County Department of Public Works.		
** Excludes nonparties.		
*** Includes imports of San Gabriel Basin groundwater.		
# Revised		
## Excludes amounts used for groundwater recharge.		

TABLE 2. ALLOWED PUMPING ALLOCATION ACCOUNTING, 2003-04 (acre-feet)

Party	Sales * 2003-04	Allowed Pumping Allocation 2003-04	Carryover from 2002-03	Leases*		Allowable Extraction (2) thru (5)	Amount Pumped	In-Lieu	Balance (6)-(7)-(8)	Allowable Carryover into 2004-05		
				With Flex	Without Flex					Drought	Normal	Total
A B C Unified School District		298.00	2.54			300.54	47.84		252.70		59.60	59.60
Angeles Abbey Memorial Park, Inc		4.00	0.00		-4.00	0.00	0.00		0.00		0.00	0.00
Arco Metals Co, American Brass		0.00	34.46			34.46	0.00		34.46	24.46	10.00	34.46
Artesia Cemetery District		12.00	12.00	-12.00		12.00	0.00		12.00		12.00	12.00
Artesia, City of		24.00	7.73			31.73	29.38		2.35		2.35	2.35
Arzouman, Charles and Neuart		1.00	19.26			20.26	0.00		20.26		20.00	20.00
Ashland Chemical Co		0.00	-134.57			-134.57	16.62		-151.19		-151.19	-151.19
Atkinson Brick Co		9.00	20.75			29.75	0.00		29.75	0.75	20.00	20.75
Atlantic Richfield Co		55.00	0.00			55.00	0.00		55.00		20.00	20.00
Automobile Club of Southern California		6.00	20.00			26.00	0.00		26.00		20.00	20.00
Baker Commodities, Inc		60.00	20.00			80.00	0.00		80.00		20.00	20.00
Bell Gardens, City of		1,914.00	101.67	-1,100.00		915.67	850.08		65.59		65.59	65.59
Bellflower Christian School		26.00	9.12		-10.00	25.12	12.83		12.29		12.29	12.29
Bellflower, City of		382.00	0.00		-382.00	0.00	0.00		0.00		0.00	0.00
Bellflower Home Garden Water Co		306.00	34.38			340.38	340.70		-0.32		-0.32	-0.32
Bellflower Unified School District		89.00	0.00	-89.00		0.00	0.00		0.00		0.00	0.00
Bellflower-Somerset Mutual Water Co		4,312.88	881.98	347.00	12.00	5,553.86	4,820.00		733.86		733.86	733.86
Buell, Mary Dolores		1.00	5.24			6.24	0.68		5.56		5.56	5.56
California-American Water Co		2,067.00	220.19	358.00		2,645.19	2,509.49		135.70		135.70	135.70
California, State of		50.00	0.00	-50.00		0.00	0.00		0.00		0.00	0.00
California, State of (Caltrans) Non-party		0.00	-11,261.96			-11,261.96	2,043.74		-13,305.70		-13,305.70	-13,305.70
California Water Service Co		11,774.00	3,939.72	-4,200.00	-1,830.00	9,683.72	5,491.10		4,192.62	2,696.92	1,495.70	4,192.62
California Water Service Co (Dominguez)		6,480.00	659.78	-2,413.00	-55.00	4,671.78	1,324.34		3,347.44		813.40	813.40
Candlewood Country Club		147.00	22.00	-147.00		22.00	0.00		22.00	2.00	20.00	22.00
Cerritos, City of		4,680.03	2,030.74	5,262.47	856.00	12,829.24	10,348.81		2,480.43	30.44	1,988.50	2,018.94
Cerritos Community College District		147.00	0.00		-147.00	0.00	0.00		0.00		0.00	0.00
Cerro Metal Products		1.00	1.21			2.21			2.21		2.21	2.21
Chang, I-Hsin and Associates		1.00	15.80			16.80	0.00		16.80	3.84	12.96	16.80
Chevron U S A, Inc		94.00	20.00			114.00	0.00		114.00		20.00	20.00
Coast Packing Co		530.00	28.00	-390.00		168.00	86.40		81.60		28.00	28.00
Commerce, City of		5,081.00	1,016.20		-1,000.00	5,097.20	2,077.55		3,019.65		1,016.20	1,016.20
Compton, City of		5,723.00	1,087.38		1,504.00	8,314.38	6,852.73		1,461.65		1,144.60	1,144.60
Compton Unified School District		38.00	20.00			58.00	0.00		58.00		20.00	20.00
Conagra Trade Group, Inc		358.00	37.44	-358.00		37.44	0.00		37.44	4.24	20.00	24.24
County Water Co		456.00	91.20		-456.00	91.20	0.00		91.20		91.20	91.20
Crandell, F J		1.00	15.75			16.75	0.00		16.75	0.75	16.00	16.75
Darling-Delaware Co, Inc		117.00	23.40			140.40	30.30		110.10		23.40	23.40
Dolan, J E + Dolan, P A + Dolan, T P		2.00	4.00	-2.00		4.00	0.00		4.00		4.00	4.00
Downey, City of		16,553.62	3,297.08	1,550.00		21,400.70	18,236.59		3,164.11		3164.11	3,164.11
El Rancho Unified School District		55.00	20.00			75.00	21.53		53.47		20.00	20.00

TABLE 2. ALLOWED PUMPING ALLOCATION ACCOUNTING, 2003-04 (acre-feet)

Party	Sales * 2003-04	Allowed Pumping Allocation 2003-04	Carryover from 2002-03	Leases*			Allowable Extraction (2) thru (5)	Amount Pumped	In-Lieu	Balance	Allowable Carryover into 2004-05		
				With Flex	Without Flex	Net Lease *					Drought	Normal	Total
Emoto, John H		2.00	20.00				22.00	0.00		22.00		20.00	20.00
Engler Rentals I		8.00	0.00	-8.00		-8.00	0.00	0.00		0.00		0.00	0.00
Equilon Enterprises, LLC		6.00	20.00				26.00	0.00		26.00		20.00	20.00
Farmers & Merchants Trust Co of L B		14.00	20.00				34.00	0.00		34.00		20.00	20.00
Filtrol Corp		456.00	91.20				547.20	0.00		547.20		91.20	91.20
Flesch, Elizabeth, et al		14.00	14.00				28.00	0.00		28.00		20.00	20.00
Ford Motor Co		4.50	20.00				24.50	0.00		24.50		20.00	20.00
Frampton, Harvey		10.00	20.00				30.00	0.00		30.00		20.00	20.00
Frampton, William H		25.00	36.42				61.42	16.30		45.12	16.42	20.00	36.42
G N B, Inc		62.00	20.00	-62.00		-62.00	20.00	0.00		20.00		20.00	20.00
Gordon, Robert E		4.00	18.21				22.21	0.68		21.53	0.80	20.00	20.80
Graham, Hugh W or Marcia K, Trustees		6.00	0.00	-6.00		-6.00	0.00	0.00		0.00		0.00	0.00
Harada Brothers		6.00	6.00				12.00	0.00		12.00		12.00	12.00
Hathaway, John J		8.00	8.00				16.00	0.00		16.00		16.00	16.00
Hathaway, Julian I & Helen M, Trustees		8.00	20.00				28.00	1.49		26.51		20.00	20.00
Hathaway Family Qtip Trust		11.11	11.11				22.22	0.00		22.22		20.00	20.00
Hathaway Family Survivor's Trust		11.11	11.11				22.22	0.00		22.22		20.00	20.00
Huntington Park, City of		3,853.00	-330.08				3,522.92	3,946.84		-423.92		-423.92	-423.92
Inglewood Park Cemetery		317.00	20.00	-317.00		-317.00	20.00	0.00		20.00		20.00	20.00
Jefferson Smurfit Corp (US)		1,058.00	254.57				1,312.57	682.67		629.90	42.97	211.60	254.57
Jones Co, The		70.00	0.00	-70.00		-70.00	0.00	0.00		0.00		0.00	0.00
Kal Kan Foods, Inc		140.00	28.00	-140.00		-140.00	28.00	0.00		28.00		20.00	20.00
King Kelly Marmalade Co, Inc		22.00	14.92	-9.00		-9.00	27.92	8.30		19.62		19.62	19.62
Kotake, Masao		27.97	0.00	-27.97		-27.97	0.00	0.00		0.00		0.00	0.00
La Habra Heights County Water District		2,498.00	14.43				2,512.43	2,477.40		35.03		35.03	35.03
La Hacienda Water Co		1.00	1.00				2.00	0.00		2.00		2.00	2.00
Lakewood, City of		9,423.00	1,877.06	-170.00		-170.00	11,130.06	9,463.68		1,666.38	0.59	1,665.79	1,666.38
Lincoln Memorial Park, Inc		34.00	72.16				106.16	44.77		61.39	52.16	9.23	61.39
Little Lake Cemetery District		14.00	15.22				29.22	12.02		17.20		17.20	17.20
Long Beach, City of		32,684.00	4,950.00	685.00		685.00	38,319.00	21,172.63		17,146.37	4.29	6,673.80	6,678.09
Los Angeles, City of		15,000.00	3,000.00				18,000.00	13,790.97		4,209.03		3,000.00	3,000.00
Los Angeles County Rancho Los Amigos		490.00	95.74				585.74	424.87		160.87		98.00	98.00
Los Angeles Paper Box and Board Mills		257.00	51.40				308.40	217.28		91.12		51.40	51.40
Lunday-Thagard Oil Co		212.00	42.40	-120.00		-120.00	134.40	109.73		24.67		20.00	20.00
Lussman, Paul H Jr, et al		7.00	20.00				27.00	0.24		26.76		20.00	20.00
Lynwood, City of		5,337.00	637.60				5,974.60	5,229.04		745.56		745.56	745.56
Lynwood Park Mutual Water Co #		222.00	-72.56		80.00	80.00	229.44	221.11		8.33		8.33	8.33
McLaren, Velma and Arline K Nuzum		9.00	0.00	-9.00		-9.00	0.00	0.00		0.00		0.00	0.00
Martin, Mary		28.00	0.00				28.00	0.00		28.00		20.00	20.00
Maywood Mutual Water Co No 1		741.00	101.32				842.32	755.75		86.57		86.57	86.57
Maywood Mutual Water Co No 2		912.00	499.36				1,411.36	896.94		514.42	316.96	182.40	499.36
Maywood Mutual Water Co No 3		1,407.00	134.84				1,541.84	1,465.51		76.33		76.33	76.33

TABLE 2. ALLOWED PUMPING ALLOCATION ACCOUNTING, 2003-04 (acre-feet)

Party	Sales * 2003-04	Allowed Pumping Allocation 2003-04	Carryover from 2002-03	Leases*			Allowable Extraction	Amount Pumped	In-Lieu	Balance	Allowable Carryover into 2004-05		
				With Flex	Without Flex	Net Lease *					Drought	Normal	Total
Mellano, G, et al		13.00	13.00	-26.00		-26.00	0.00	0.00		0.00		0.00	0.00
Midland Park Water Trust		57.00	-136.63				-79.63	0.00		-79.63		-79.63	-79.63
Mitsuuchi, Mary F Trust		11.00	0.00	-11.00		-11.00	0.00	0.00		0.00		0.00	0.00
Montebello, City of		386.50	77.30				463.80	371.03		92.77		77.30	77.30
Montebello Land and Water Co		1,624.00	421.06	2,078.00	400.00	2,478.00	4,523.06	3,848.25		674.81	23.24	651.57	674.81
New England Mutual Life Insurance Co		2.00	20.00				22.00	0.00		22.00		20.00	20.00
Newark Group Industries, Inc		757.00	139.86	-300.00		-300.00	596.86	431.04		165.82		91.40	91.40
N I Industries, Inc		138.00	20.00	-138.00		-138.00	20.00	0.00		20.00		20.00	20.00
Northrop Corp		4.50	20.00				24.50	0.00		24.50		20.00	20.00
Norwalk, City of		1,267.00	253.40		-250.00	-250.00	1,270.40	562.89		707.51		253.40	253.40
Norwalk-La Mirada Unified School District		378.00	75.60				453.60	0.00		453.60		75.60	75.60
O N K Farms		8.00	11.33				19.33	0.00		19.33		19.33	19.33
Oltmans Construction Co		3.00	20.00				23.00	0.00		23.00		20.00	20.00
Orange County Nursery, Inc		13.00	20.00				33.00	0.00		33.00		20.00	20.00
Orchard Dale Water District		1,107.00	191.27				1,298.27	1,090.49		207.78		207.78	207.78
PABCO Building Products, LLC		800.00	0.95	-800.00		-800.00	0.95	0.00		0.95		0.95	0.95
Paradise Memorial Park		16.00	18.08				34.08	0.96		33.12		20.00	20.00
Paramount, City of		5,883.00	1,176.60	-800.00		-800.00	6,259.60	5,518.21		741.39		741.39	741.39
Paramount Unified School District		46.00	19.85	-46.00		-46.00	19.85	0.21		19.64		19.64	19.64
Park Water Co		1.30	21.73	147.00	1,382.00	1,529.00	1,552.03	1,441.60		110.43		29.66	29.66
Patrician Associates Inc/Majestic Realty Co		12.00	20.00				32.00	0.00		32.00		20.00	20.00
Peerless Water Co		986.00	-13.75	-525.00		-525.00	447.25	432.34		14.91		14.91	14.91
Pico Boys Baseball, Inc		13.00	0.00				13.00	0.00		13.00		13.00	13.00
Pico Rivera, City of		5,579.00	115.78				5,694.78	5,381.54		313.24		313.24	313.24
Pico Water District		3,624.00	-307.27		250.00	250.00	3,566.73	3,877.08		-310.35		-310.35	-310.35
Randall, Villis Family Trust		4.00	4.00				8.00	0.00		8.00		8.00	8.00
Rockview Dairies, Inc		75.00	5.12	10.00	10.00	20.00	100.12	94.97		5.15		5.15	5.15
Rocky Mountain Industries, Inc		0.00	-1.24		30.00	30.00	28.76	13.44		15.32		15.32	15.32
Roman Catholic Archbishop of Los Angeles		347.00	60.68				407.68	322.85		84.83		69.40	69.40
Rosales, Elvira C		3.00	22.00				25.00	0.00		25.00	2.00	20.00	22.00
Rosing, L S Trust and P Schwartz		6.00	0.00				6.00	0.00		6.00		6.00	6.00
St John Bosco School		42.00	8.38				50.38	71.42		-21.04		-21.04	-21.04
San Gabriel Valley Water Co		2,616.00	505.20	-1,500.00		-1,500.00	1,621.20	1,763.83		-142.63		-142.63	-142.63
Santa Fe Springs, City of		4,035.78	882.87		-400.00	-400.00	4,518.65	3,852.35		666.30	166.88	499.42	666.30
Sativa Los Angeles County Water District		474.00	-1.28		275.00	275.00	747.72	808.10		-60.38		-60.38	-60.38
Scantlebury, Robert P		4.00	38.00				42.00	0.75		41.25	18.00	20.00	38.00
Seven Up/RC Bottling Co of So California		69.00	0.00				69.00	0.00		69.00		20.00	20.00
Signal Hill, City of		2,022.00	-85.34				1,936.66	1,745.79		190.87		190.87	190.87
Simmons Survivor's Trust		33.00	0.00	-33.00		-33.00	0.00	0.00		0.00		0.00	0.00
Smith, Rex M		24.00	0.00	-24.00		-24.00	0.00	0.00		0.00		0.00	0.00

TABLE 2. ALLOWED PUMPING ALLOCATION ACCOUNTING, 2003-04 (acre-feet)

Party	Sales * 2003-04	Allowed Pumping Allocation 2003-04	Carryover from 2002-03	Leases*		Allowable Extraction (2) thru (5)	Amount Pumped	In-Lieu	Balance	Allowable Carryover into 2004-05		
				With Flex	Without Flex					Drought	Normal	Total
South Montebello Irrigation District		1,268.00	367.42	701.00		2,336.42	1,970.73		365.69		365.69	365.69
Southern California Edison Co		670.00	134.00			804.00	259.35		544.65		134.00	134.00
Southern California Water Co		16,439.20	4,098.00	2,000.00		22,537.20	19,111.64		3,425.56		3,425.56	3,425.56
Southern Service Co & Environmental, Inc		65.00	14.42			79.42	184.07		-104.65		-104.65	-104.65
South Gate, City of		11,183.00	-212.01			10,970.99	10,913.38		57.61		57.61	57.61
Statewide Stations		1.00	34.00			35.00	0.00		35.00	14.00	20.00	34.00
Suburban Water Systems		3,721.00	284.20	-700.00	-800.00	2,505.20	1,877.62		627.58		604.20	604.20
Tract Number One Hundred & Eighty Water Co		2,137.00	367.40	-300.00		2,204.40	1,743.73		460.67		367.40	367.40
Tract 349 Mutual Water Co		423.00	143.92	516.00	147.00	1,229.92	1,050.76		179.16		179.16	179.16
Tucker, W and/or Bobby Robertson		8.00	21.38			29.38	0.12		29.26	1.38	20.00	21.38
Union Development Co, Inc		12.00	12.00		-12.00	12.00	0.00		12.00		12.00	12.00
United States Gypsum Co		1,265.00	73.00			1,338.00	184.76		1,153.24		253.00	253.00
Vangrootheest, Ernest A		10.00	0.00	-10.00		0.00	0.00		0.00		0.00	0.00
Vernon, City of		8,039.00	1,214.65	1,668.00		10,921.65	9,021.97		1,899.68	728.05	1,171.63	1,899.68
Vernon Cold Storage, LLC		74.00	0.00	-74.00		0.00	0.00		0.00		0.00	0.00
Virginia Country Club		274.00	6.44	-274.00		6.44	0.00		6.44		6.44	6.44
Walnut Park Mutual Water Co		996.00	25.24			1,021.24	630.18		391.06		199.20	199.20
Whittier, City of		895.00	-251.83		400.00	1,043.17	1,213.12		-169.95		-169.95	-169.95
Whittier Union High School District		100.00	20.00	-50.00		70.00	31.64		38.36		20.00	20.00
Wolfsberger, Helen and Christine Joseph		2.00	6.00			8.00	0.00		8.00		8.00	8.00
Yamamoto, George and Alice		14.00	9.70			23.70	0.03		23.67		20.00	20.00
Zane, Steve or Frances		11.50	0.00	-11.50		0.00	0.00		0.00		0.00	0.00
Total	0.00	217,367.00	24,090.40	0.00	0.00	241,457.40	195,901.17	0.00	45,556.23	4,151.14	19,976.75	24,127.89
* See Table 13 and Appendix B for information concerning leases, transfer of water right entitlements or prior ownership. Includes lease with flex where applicable.												

Fiscal Year	Sales * this year	Allowed Pumping Allocation this year	Carryover from previous year	Leases*		Allowable Extraction	Amount Pumped**	In-Lieu	Balance	Allowable Carryover into 2003-04		
				With Flex	Without Flex					Drought	Normal	Total
<b>Non-parties</b>												
Atlas Iron and Metal Co		0.00				0.00	0.24					
Bannan, Charles F		0.00				0.00	0.00					
Demunno/Kerdoon		0.00				0.00	3.99					
Furr, Arnold		0.00				0.00	0.12					
Grant, John		0.00				0.00	0.68					
Central Basin Municipal Water District						0.00	115.75					
Total Pumped							196,021.95					

**Southern California Edison - Adjudicated Right Accounting for Adjusted Extraction & F.Y. 2000-2003**

Fiscal Year	Sales * this year	Allowed Pumping Allocation this year	Carryover from previous year	Leases*		Allowable Extraction	Amount Pumped**	In-Lieu	Balance	Allowable Carryover into 2003-04		
				With Flex	Without Flex					Drought	Normal	Total
2000*		670.00	1.16	-350.00	-140.00	181.16	284.05		-102.89	0.00*	-102.89	-102.89
2001		670.00	-102.89		-415.00	152.11	264.49		-112.38		-112.38	-112.38
2002		670.00	-6.88		-450.00	213.12	320.64		-107.52		-107.52	-107.52
2003		670.00	-2.02		-10.00	657.98	303.68		354.30		134.00	134.00

\* Southern California Edison lost Drought Carryover of 1.16 acre-feet due to adjustment

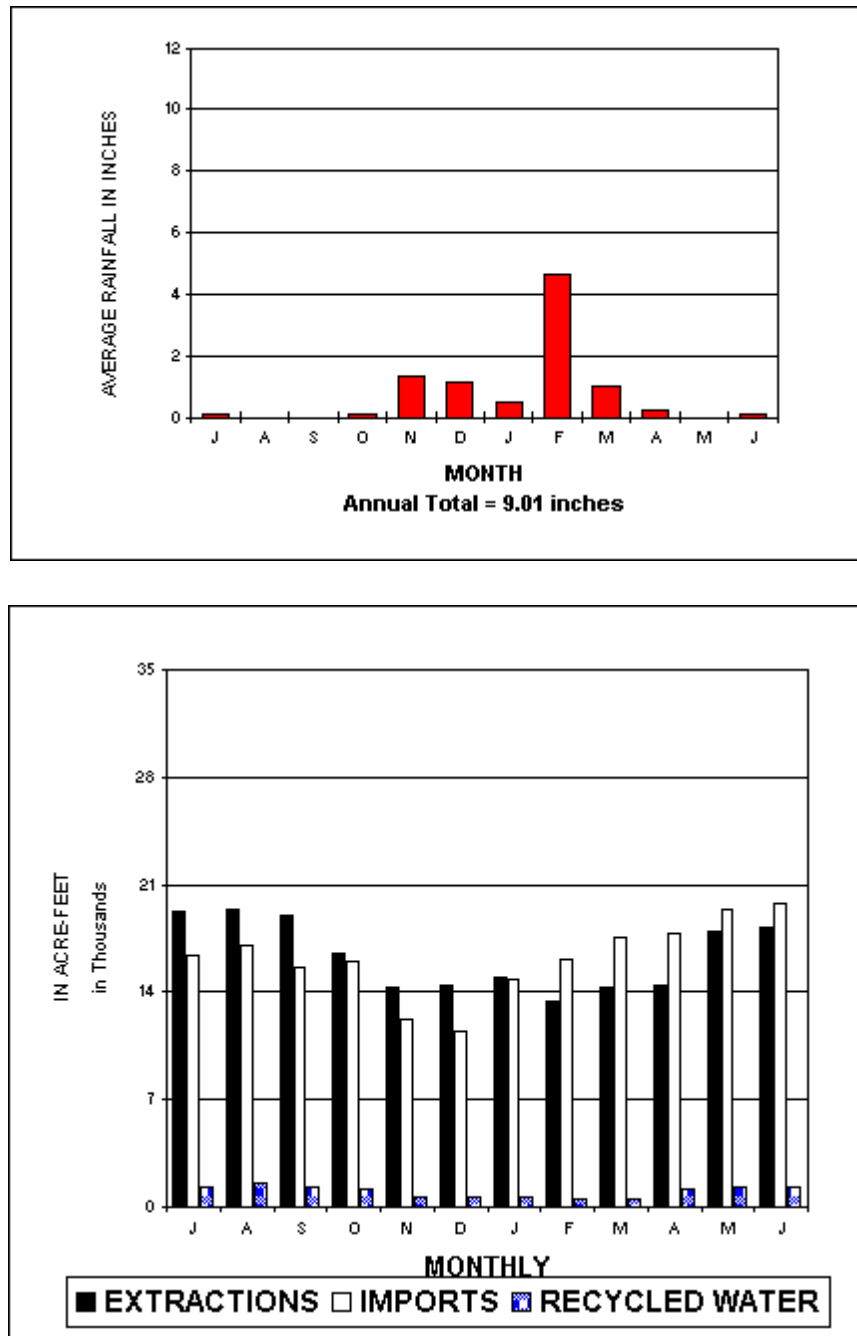
\*\* Amount pumped values from previous report have been revised.

TABLE 3. OVEREXTRACTIONS (acre-feet)

Party	Allowed Pumping Allocation	Allowable Extractions	Amount Pumped	Balance	Allowable *
Ashland Chemical Company	0.00	-134.57	16.62	-151.19 **	0.00
Bellflower Home Garden Water Company	306.00	340.38	340.70	-0.32	61.20
California, State of (Caltrans) Non-party***	0.00	-11,261.96	2,043.74	-13,305.70 #	
Huntington Park, City of	3,853.00	3,522.92	3,946.84	-423.92	770.60
Midland Park Water Trust	57.00	-79.63	0.00	-79.63 #	20.00
Pico Water District	3,624.00	3,566.73	3,877.08	-310.35	724.80
St John Bosco School	42.00	50.38	71.42	-21.04 #	20.00
San Gabriel Valley Water Company	2,616.00	1,621.20	1,763.83	-142.63	523.20
Sativa LA County Water District	474.00	747.72	808.10	-60.38	94.80
Southern Service Co & Environmental, Inc	65.00	79.42	184.07	-104.65 #	20.00
Whitter, City of	895.00	1,043.17	1,213.12	-169.95	179.00
Total				-14,769.76	
<p>* Judgment allows overextractions computed as 20 acre-feet or 20 percent of the "Allowed Pumping Allocation" + carryover provisions; whichever is greater.</p> <p>** WRD Resolution 03-684 granted a clean up exemption allowing Ashland Chemical Company to extract 625.00 acre-feet of water during the period from May 26, 1999, through June 30, 2008.</p> <p>*** Dewatering under 105 Freeway in Downey. Caltrans, a non-party, is negotiating a settlement on water rights and pump assessments.</p> <p># Violation of Judgment.</p>					

TABLE 4. STATEMENT OF INCOME AND EXPENDITURES

Item	Parties	State	Parties and State
<b><u>Income</u></b>			
From 2003-2004 billing	\$ 217,500	\$ 208,500	\$ 426,000
Balance from 2002-2003	-18,123		-18,123
From penalties:	313		313
<b>Total Income</b>	<b>\$ 199,690</b>	<b>\$ 208,500</b>	<b>\$ 408,190</b>
<b><u>Expenditures</u></b>			
Salaries and wages	\$ 195,020	\$ 195,019	\$ 390,039
Operating expenses:			
Miscellaneous Office Supplies	99	99	198
Travel	234	235	469
<b>Total expenditures</b>	<b>\$ 195,353</b>	<b>\$ 195,353</b>	<b>\$ 390,706</b>
Balance	\$ 4,337 *		
* Credit to parties in 2004-2005 fiscal year, subject to delayed charges or credits.			



Excludes imports from San Gabriel Ground Water Basin.

Figure 2 - BASIN MONTHLY RAINFALL AND WATER DEMAND, FY 2003-2004



### III. DETAILS OF WATER USE AND OPERATIONS

The following tables, figures, and plates give information on water use and operation for Fiscal Year 2003-2004:

#### Precipitation

Figure 3 - Precipitation Stations (p. 19)

#### Operations

Table 5 - Replenishment Operations (p. 19)

Figure 4 - Location of Water Reclamation Plants, Spreading Grounds, and Alamos Barrier Project (p. 20)

Table 6 - Alamos Barrier Project Operations (p. 20)

#### Water Service Areas (Plate bound at back of report)

Plate 1 – Active Wells in Central Basin

#### Exchange Pool

Table 7 - Exchange Pool (2003-2004) (p. 21)

#### Water Use

Table 8 - Extractions by Nonparties and Parties with Zero Adjudicated Rights (p. 21)

Table 9 - Water Replenishment District In-Lieu Program (p. 21)

Figure 5 - Pattern of Groundwater Production for July 2003 through June 2004 (p. 22)

Figure 6 - Fluctuations of Water Level Elevations in Principal Aquifers in April (p. 23)

Table 10 - Imported Water and Recycled Water Use (p. 24)

Table 11 - Transfers of Adjudicated Rights (p. 26)

#### Budget

Table 12 - Approved Budget (p. 31)

Table 13 - Apportionment of Parties' Share of Budget 2003-2004 (p. 32)

### Meter Testing Program

Accurate measurement of groundwater extractions is essential to the success of the Basin's management plan. Due to the State hiring freeze, Watermaster reduced the meter testing program temporarily. In the future, Watermaster will be scheduling meter tests when parties request them and will test all meters every two to three years. During the 2003-2004 fiscal year, 76 meters were tested, including several re-tests. Tests showed that two meters were more than 5 percent fast, with registration accuracy ranging from plus 17 percent to plus 28 percent, and eleven meters were more than 5 percent slow, with registration accuracy ranging from minus 5.2 percent to minus 76 percent.

It is the responsibility of each party to ensure that its meter and test facilities are installed properly and maintained in good working conditions. Test points must be properly installed.

Watermaster tests meters by volumetric or pitot comparisons. Parties are notified to make repairs when the meter registers beyond 5% accuracy. Meters which register beyond 10% accuracy may be considered faulty, and reported readings could be subject to adjustments as corrections to well production records. The Board of Directors of the Central Basin Water Association has reviewed and concurs with this Watermaster policy.

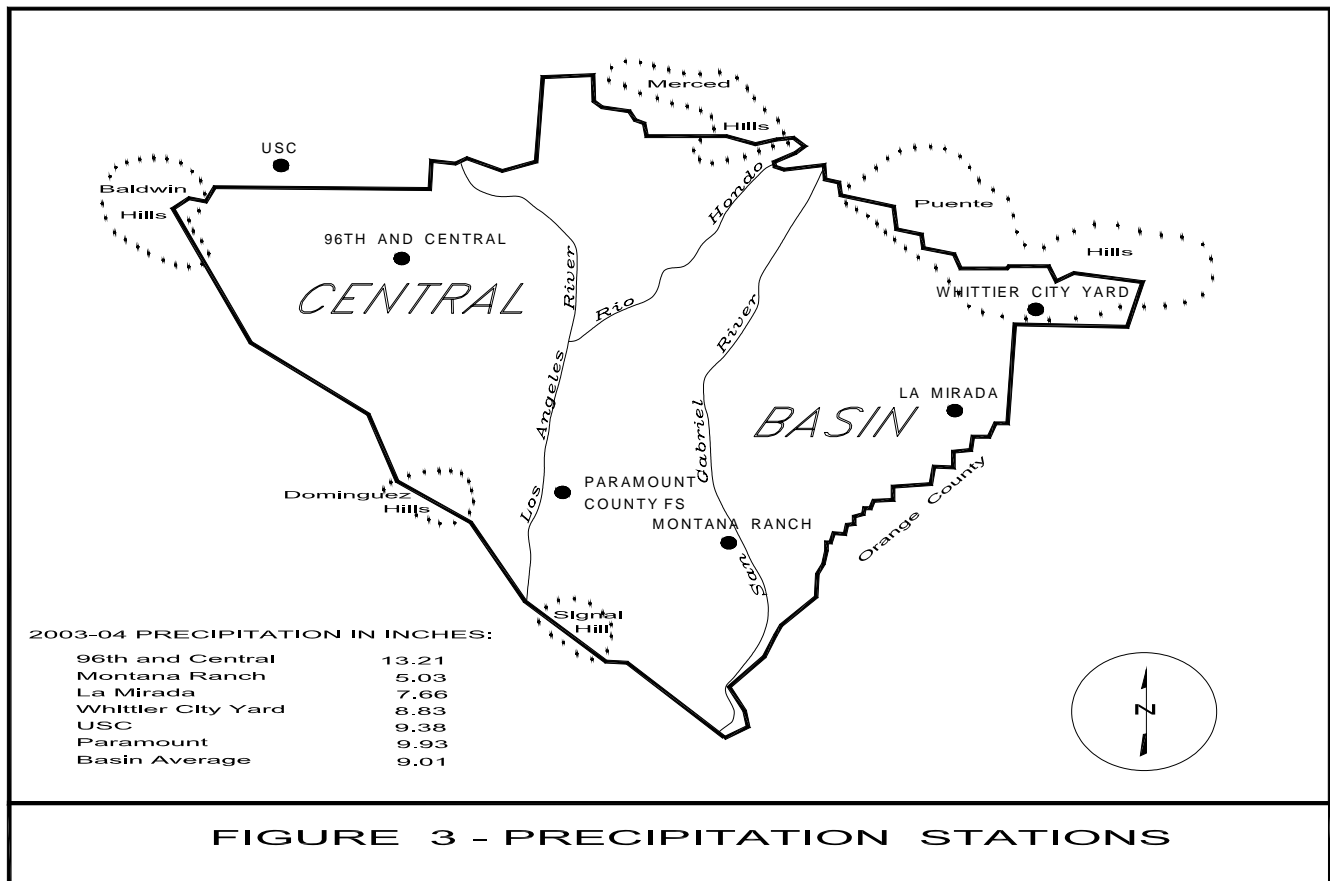


TABLE 5. REPLENISHMENT OPERATIONS  
(acre-feet)

Water Source	Quantity	
	2002-2003	2003-2004
Local runoff	64,390	36,128
Recycled water:		
Whittier Narrows Water Reclamation Plant	7,436	5,970
San Jose Creek Water Reclamation Plant	50,006	27,494
Pomona Water Reclamation Plant	2,285	2,355
MWD water purchased with WRD funds	17,297	20,369
Make-up water from Upper San Gabriel Basin	0	0
Total	141,414	92,316
Provisional data provided by Los Angeles County Department of Public Works and Water Replenishment District		

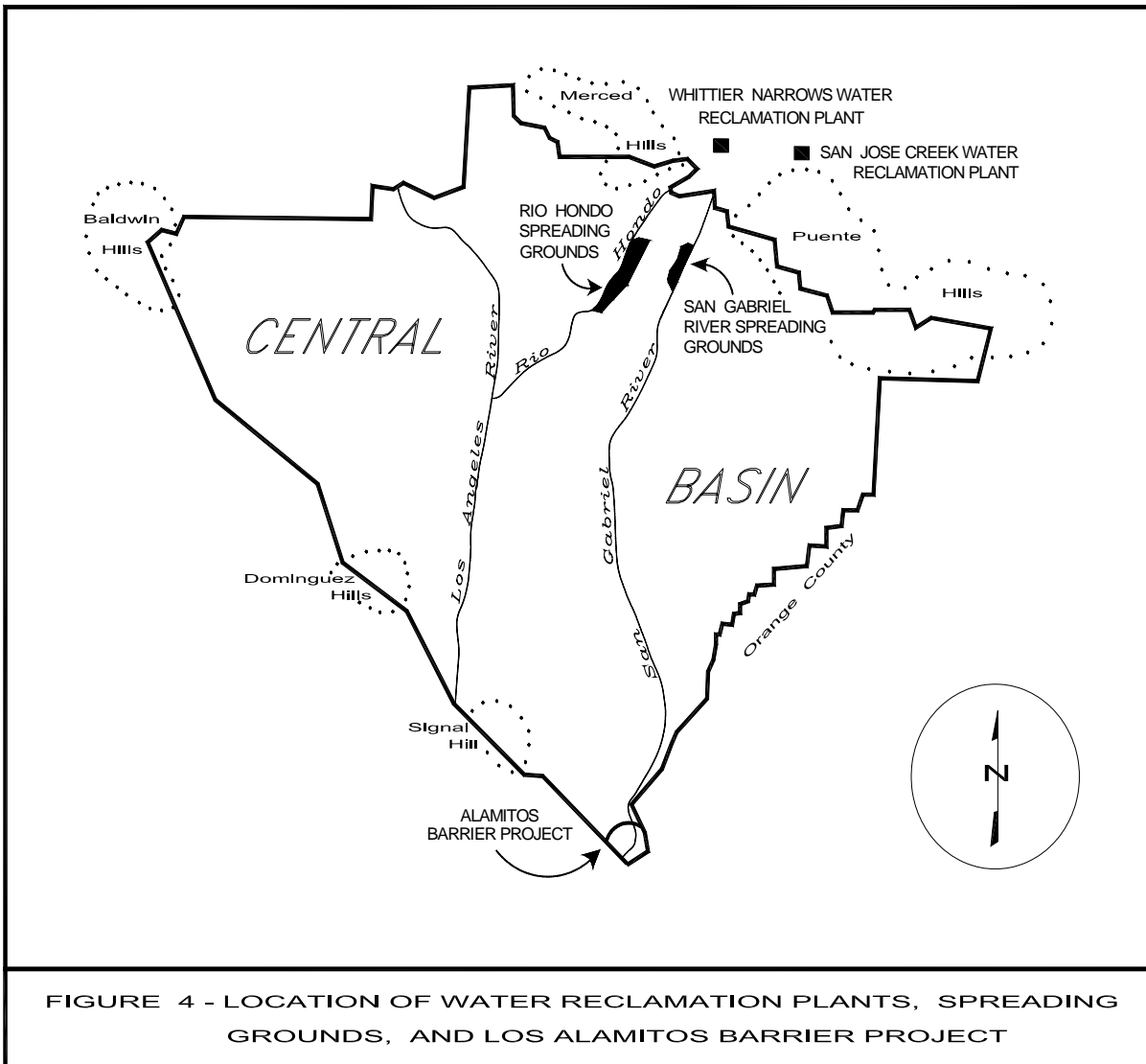


TABLE 6. ALAMITOS BARRIER PROJECT OPERATIONS  
(acre-feet)

<u>Item</u>	<u>Quantity</u>
Water injected in 2003-2004, acre-feet	5,880
Water extracted, acre-feet	12.50
Injection wells	35
Extraction wells	4
Observation wells	277
Provisional information provided by Los Angeles County Department of Public Works.	

TABLE 7. EXCHANGE POOL OFFERS (2003-2004)

Party	Allowed Pumping Allocation (acre-feet)	Required Offer (acre-feet)	Actual Offer (acre-feet)	Amount Sold (acre-feet)	Payment due Exchanger
There were no requests to purchase water; therefore, operation of the Exchange Pool Program was suspended.					

TABLE 8. EXTRACTIONS BY NONPARTIES AND PARTIES  
WITH ZERO ADJUDICATED RIGHTS

Pumper	Amount Pumped (acre-feet)
<u>Nonparties</u>	
Atlas Iron and Metal Co	0.24
Bannan, Charles F	0.00
Demunno/Kerdoon	3.99 *
Furr, Arnold E	0.12
Grant, John	0.68
Total	5.03
<u>Parties with Zero Adjudicated Rights</u>	
Arco Metals Co, American Brass	0.00
Ashland Chemical Co	16.62
Rocky Mountain Industries, Inc	13.44 **
Total	30.06
* Contaminated groundwater cleanup permit.	
** Party leased rights.	

TABLE 9. WATER REPLENISHMENT DISTRICT IN-LIEU PROGRAM

Party	In-Lieu Amount Reserved (acre-feet)
None	

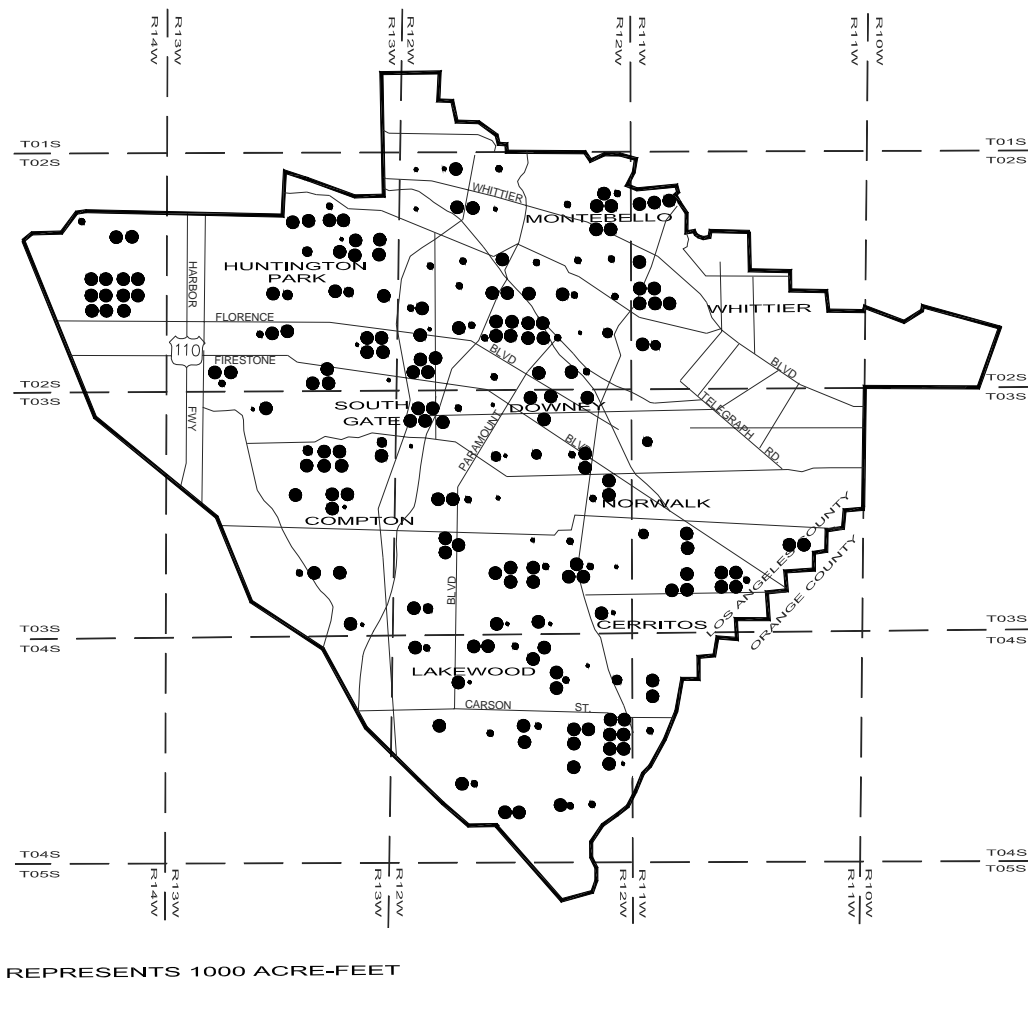


FIGURE 5 - PATTERN OF GROUNDWATER PRODUCTION FOR JULY 2003 THROUGH JUNE 2004

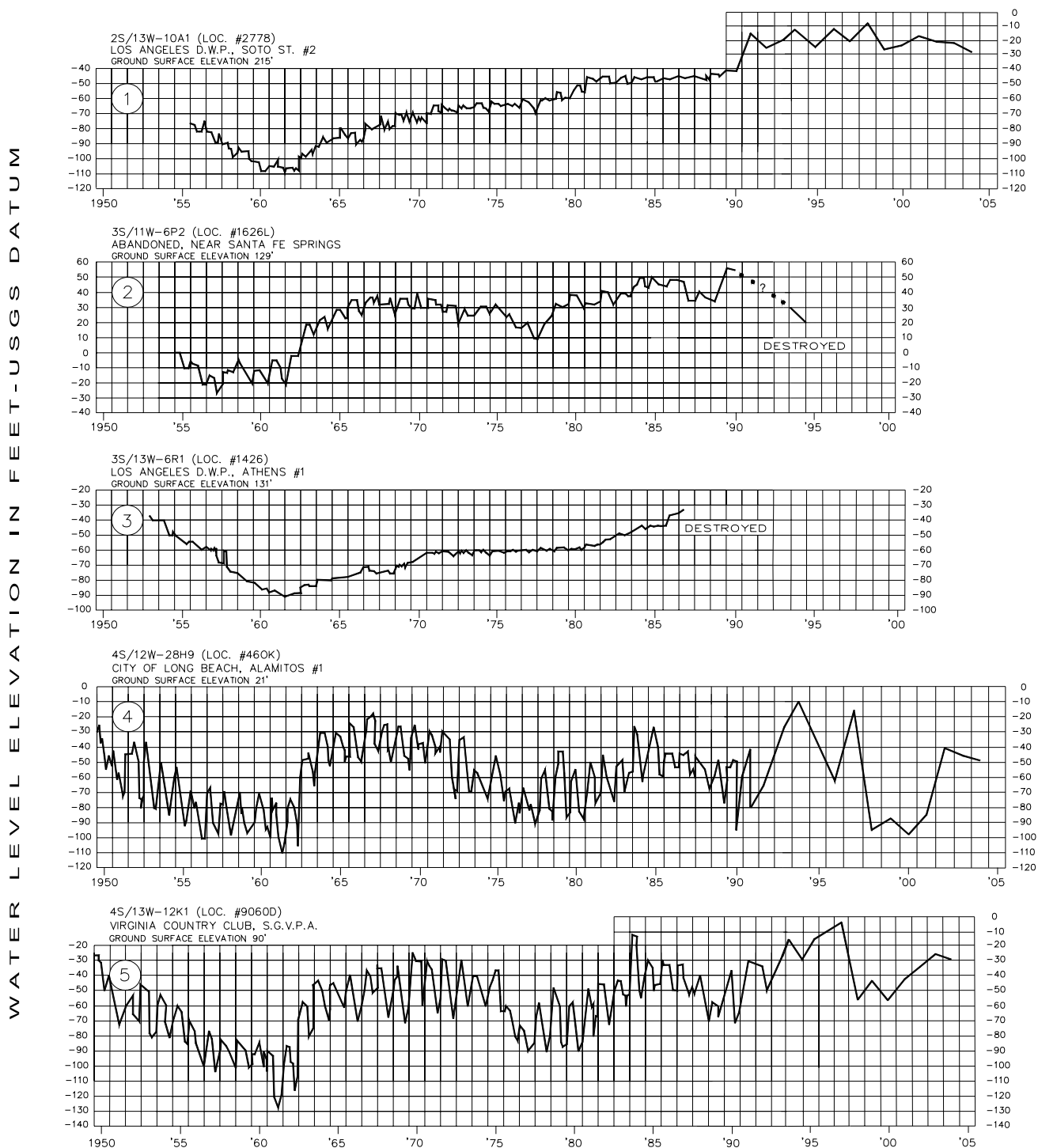


FIGURE 6 - FLUCTUATIONS OF WATER LEVEL ELEVATIONS IN PRINCIPAL AQUIFERS IN APRIL

TABLE 10. IMPORTED WATER AND RECYCLED WATER USE \*  
(acre-feet)

Source	Party	2002-2003	2003-2004
<b>IMPORTED WATER</b>			
State Water Project water and Colorado River water through MWD, and Mono-Owens Basin	Compton, City of	2,892	3,205
	Long Beach, City of	<u>40,789</u>	<u>43,080</u>
	<b>Subtotal</b>	43,681	46,285
	<b>Central Basin Municipal Water District:</b>		
	Bell Gardens, City of	449	475
	Bellflower Somerset Mutual Water Co.	2,185	2,003
	California Water Service Company	15,449	15,324
	Cerritos, City of	2,515	2,898
	Commerce, City of	883	515
	Downey, City of	0	--
	Huntington Park, City of	1,111	1,853
	La Habra Heights County Water District	119	434
	Los Angeles County Rancho Los Amigos	442	413
	Los Angeles County Waterworks District No.16	3,479 **	***
	Lynwood, City of	1,782	1,581
	Maywood Mutual Water Co. No. 1	147	199
	Maywood Mutual Water Co. No. 2	461	411
	Maywood Mutual Water Co. No. 3	63	225
	Montebello, City of	1,244	1,292
	Norwalk, City of	908	917
	Orchard Dale Water District	1,359	1,377
	Paramount, City of	4,323	2,258
	Park Water Company	11,996	12,468
	San Gabriel Valley Water Company	869	933
	Santa Fe Springs, City of	3,504	3,909
	Signal Hill, City of	165	679
	Southern California Water Company	7,589	9,916
	South Gate, City of	--	--
	Suburban Water Systems	1,869	2,276
	Vernon, City of	1,320	2,578
	Walnut Park Mutual Water Company	410	955
	<b>CBMWD Subtotal</b>	<u>64,641</u>	<u>65,889</u>
	<b>West Basin Municipal Water District:</b>		
	California-American Water Company	1,892	1,451
	California Water Service Co. (Dominguez)	25,190	27,836
	<b>WBMWD Subtotal</b>	<u>27,082</u>	<u>29,287</u>
State Water Project water and Colorado River water through MWD, and Owens River-Mono Basin	Los Angeles, City of	33,720	31,017
San Gabriel Basin groundwater	California Domestic Water Company	21,338	21,233
	San Gabriel Valley Water Company 1,454##	<u>1,700 #</u>	<u>1,450 #</u>
	Suburban Water Systems	11,497	12,353
	Whittier, City of	7,411	8,021
	<b>San Gabriel Basin Subtotal</b> 41,700##	<u>41,946</u>	<u>43,057</u>
	<b>Total Imported Water</b> 210,824##	<u>244,079</u>	<u>215,535</u>

TABLE 10. IMPORTED WATER AND RECYCLED WATER USE\*  
(acre-feet)

Source	Party	2002-2003	2003-2004
<b>RECYCLED WATER</b>			
Century - E. Thornton Ibbetson Reclamation Program	Bellflower-Somerset Mutual Water Company	118.29	125.48
	Downey, City of	663.6	685.52
	Lynwood, City of	69.56	66.56
	Norwalk, City of	109.07	110.85
	Paramount, City of	430.55	443.10
	Park Water Company	471	488.77
	Peerless Water Company	16.86	20.29
	Santa Fe Springs, City of	807.17	774.03
	Southern California Water Company	506.48	610.01
	South Gate, City of	161.4	177.22
	Cudahy, City of	6.96	5.03
<b>Century Subtotal</b>		<u>3,360.94</u>	<u>3,506.86</u>
Cerritos Reclamation Program	Cerritos, City of	1,726.45	2,042.25
	Lakewood, City of	372.83	294.31
<b>Cerritos Reclamation Subtotal</b>		<u>2,099.28</u>	<u>2,336.56</u>
Rio Hondo - Esteban E. Torres Reclamation Program	Huntington Park, City of	47.54	63.93
	San Gabriel Valley Water Company	64.8	76.22
	Whittier, City of	82.42	98.49
	Pico Rivera, City of	19.27	39.42
<b>Esteban E. Torres Subtotal</b>		<u>214.03</u>	<u>278.06</u>
Long Beach	Long Beach, City of	6,084.90	5,950.75
<b>Total Recycled Water</b>		<u>11,759.15</u>	<u>12,072.23</u>
* Excludes recycled water used for ground water recharge.			
** Delivered for use in Alamitos Barrier Project (Water Replenishment District).			
*** City of Long Beach serves Alamitos Barrier Project and delivered 5,939 acre-feet for injection.			
# Estimate.			
## Revised.			

TABLE 11. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount in acre-feet	Date		Party	Net Lease
ANGELES ABBEY MEMORIAL PARK, INC	LEASE	-4.00	07/02/03	TO	COMPTON, CITY OF	-4.00 <u>a/</u>
ARTESIA CEMETERY DISTRICT	LEASE WITH FLEX	-12.00	04/14/04	TO	CERRITOS, CITY OF	-12.00
BELL GARDENS, CITY OF	LEASE WITH FLEX	-1,100.00	06/29/04	TO	SOUTHERN CALIFORNIA WATER CO.	-1,100.00
BELLFLOWER CHRISTIAN SCHOOL	LEASE	-10.00	12/02/03	TO	ROCKVIEW DAIRIES, INC	-10.00
BELLFLOWER, CITY OF	LEASE	-382.00	07/02/03	TO	PARK WATER CO	-382.00 <u>b/</u>
BELLFLOWER UNIFIED SCHOOL DIST	LEASE WITH FLEX	-89.00	08/20/03	TO	BELLFLOWER-SOMERSET MUTUAL WATER CO	-89.00
BELLFLOWER-SOMERSET MUTUAL WATER CO	LEASE WITH FLEX	8.00	07/17/03	FROM	ENGLER RENTALS I	
	LEASE	12.00	07/17/03	FROM	UNION DEVELOPMENT CO., INC.	
	LEASE WITH FLEX	89.00	08/20/03	FROM	BELLFLOWER UNIFIED SCHOOL DIST.	
	LEASE WITH FLEX	250.00	06/30/04	FROM	CA WATER SERVICE CO. (DOMINGUEZ)	359.00
CALIFORNIA-AMERICAN WATER CO	LEASE WITH FLEX	358.00	05/18/04	FROM	CONAGRA TRADE GROUP, INC	358.00
CALIFORNIA, STATE OF	LEASE WITH FLEX	-50.00	07/02/03	TO	TRACT 349 MUTUAL WATER CO	-50.00
CALIFORNIA WATER SERVICE CO	LEASE WITH FLEX	-4,000.00	07/02/03	TO	CERRITOS, CITY OF	
	LEASE	-250.00	01/02/04	TO	CA WATER SERVICE CO (DOMINGUEZ)	
	LEASE	-1,500.00	06/30/04	TO	COMPTON, CITY OF	
	LEASE	-80.00	06/30/04	TO	LYNWOOD PARK MUTUAL WATER CO	
	LEASE WITH FLEX	-200.00	06/30/04	TO	SOUTHERN CALIFORNIA WATER CO	-6,030.00
CA WATER SERVICE CO (DOMINGUEZ)	LEASE WITH FLEX	317.00	07/02/03	FROM	INGLEWOOD PARK CEMETERY	<u>c/</u>
	LEASE WITH FLEX	70.00	07/02/03	FROM	JONES CO, THE	<u>d/</u>
	LEASE	-275.00	07/07/03	TO	SATIVA L A COUNTY WATER DISTRICT	
	LEASE	-30.00	08/27/03	TO	ROCKY MOUNTAIN INDUSTRIES, INC	
	LEASE	250.00	01/02/04	FROM	CALIFORNIA WATER SERVICE CO	
	LEASE WITH FLEX	-250.00	06/30/04	TO	BELLFLOWER-SOMERSET MUTUAL WATER CO	
	LEASE WITH FLEX	-1,550.00	06/30/04	TO	DOWNEY, CITY OF	
	LEASE WITH FLEX	-1,000.00	06/30/04	TO	VERNON, CITY OF	-2,468.00
CANDLEWOOD COUNTRY CLUB	LEASE WITH FLEX	-147.00	07/03/03	TO	PARK WATER CO	-147.00
CERRITOS, CITY OF	LEASE WITH FLEX	4,000.00	07/02/03	FROM	CALIFORNIA WATER SERVICE CO	
	LEASE WITH FLEX	11.00	07/03/03	FROM	MITSUUCHI, MARY F TRUST	
	LEASE WITH FLEX	800.00	07/03/03	FROM	PABCO BUILDING PRODUCTS, LLC	
	LEASE WITH FLEX	27.97	08/14/03	FROM	KOTAKE, MASAO	
	LEASE WITH FLEX	11.50	08/14/03	FROM	ZANE, STEVE OR FRANCES	
	LEASE	456.00	01/30/04	FROM	COUNTY WATER CO	
	LEASE	400.00	03/04/04	FROM	SANTA FE SPRINGS, CITY OF	
	LEASE WITH FLEX	400.00	03/09/04	FROM	PARAMOUNT, CITY OF	
	LEASE WITH FLEX	12.00	04/14/04	FROM	ARTESIA CEMETERY DISTRICT	6,118.47
CERRITOS COMMUNITY COLLEGE DIST	LEASE	-147.00	07/03/03	TO	TRACT 349 MUTUAL WATER CO	-147.00
COAST PACKING CO	LEASE WITH FLEX	-390.00	09/30/03	TO	VERNON, CITY OF	-390.00

TABLE 11. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount in acre-feet	Date	Party	Net Lease
COMMERCE, CITY OF	LEASE	-1,000.00	07/04/03	TO PARK WATER CO	-1,000.00
COMPTON, CITY OF	LEASE	4.00	07/02/03	FROM ANGELES ABBEY MEMORIAL PARK, INC	<u>a/</u>
	LEASE	1,500.00	06/30/04	FROM CALIFORNIA WATER SERVICE CO	1,504.00
CONAGRA TRADE GROUP, INC	LEASE WITH FLEX	-358.00	05/18/04	TO CALIFORNIA-AMERICAN WATER CO	-358.00
COUNTY WATER CO	LEASE	-456.00	01/30/04	TO CERRITOS, CITY OF	-456.00
DOLAN, J E+DOLAN, P A+DOLAN, T P	LEASE WITH FLEX	-2.00	07/02/03	TO LONG BEACH, CITY OF	-2.00 <u>e/</u>
DOWNEY, CITY OF	LEASE WITH FLEX	1,550.00	06/30/04	FROM CA WATER SERVICE CO (DOMINGUEZ)	1,550.00
ENGLER RENTALS I	LEASE WITH FLEX	-8.00	7/17/03	TO BELLFLOWER-SOMERSET MUTUAL WATER CO	-8.00
G N B, INC	LEASE WITH FLEX	-62.00	07/02/03	TO MONTEBELLO LAND AND WATER CO	-62.00
GRAHAM, HUGH W OR MARCIA K AS...	LEASE WITH FLEX	-6.00	03/04/04	TO SOUTH MONTEBELLO IRRIGATION DIST	-6.00
INGLEWOOD PARK CEMETERY	LEASE WITH FLEX	-317.00	07/02/03	TO CA WATER SERVICE CO (DOMINGUEZ)	-317.00 <u>c/</u>
JONES CO, THE	LEASE WITH FLEX	-70.00	07/02/03	TO CA WATER SERVICE CO (DOMINGUEZ)	-70.00 <u>d/</u>
KAL KAN FOODS, INC	LEASE WITH FLEX	-140.00	09/30/03	TO VERNON, CITY OF	-140.00
KING KELLY MARMALADE CO, INC	LEASE WITH FLEX	-9.00	07/04/03	TO TRACT 349 MUTUAL WATER CO	-9.00
KOTAKE, MASAO	LEASE WITH FLEX	-27.97	08/14/03	TO CERRITOS, CITY OF	-27.97
LAKEWOOD, CITY OF	LEASE WITH FLEX	-170.00	05/18/04	TO SOUTH MONTEBELLO IRRIGATION DIST	-170.00
LONG BEACH, CITY OF	LEASE WITH FLEX	2.00	07/02/03	FROM DOLAN, J E+DOLAN, P A+DOLAN, T P	<u>e/</u>
	LEASE WITH FLEX	9.00	07/02/03	FROM MCLAREN, VELMA AND ARLINE K NUZUM	<u>f/</u>
	LEASE WITH FLEX	274.00	07/02/03	FROM VIRGINIA COUNTRY CLUB	<u>g/</u>
	LEASE WITH FLEX	400.00	04/28/04	FROM PARAMOUNT, CITY OF	685.00
LUNDAY-THAGARD OIL CO	LEASE WITH FLEX	-120.00	02/11/04	TO MONTEBELLO LAND AND WATER CO.	-120.00
LYNWOOD PARK MUTUAL WATER CO.	LEASE	80.00	06/30/04	FROM CALIFORNIA WATER SERVICE CO	80.00
MCLAREN, VELMA AND ARLINE K NUZUM	LEASE WITH FLEX	-9.00	07/03/03	TO LONG BEACH, CITY OF	-9.00 <u>f/</u>
MELLANO, G, ET AL	LEASE WITH FLEX	-26.00	07/05/03	TO TRACT 349 MUTUAL WATER CO	-26.00

TABLE 11. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount in acre-feet	Date	Party	Net Lease
MITSUUCHI, MARY F TRUST	LEASE WITH FLEX	-11.00	07/03/03	TO CERRITOS, CITY OF	-11.00
MONTEBELLO LAND AND WATER CO	LEASE WITH FLEX	62.00	07/02/03	FROM G N B, INC	
	LEASE WITH FLEX	300.00	07/03/03	FROM NEWARK GROUP INDUSTRIES, INC	
	LEASE WITH FLEX	46.00	07/03/03	FROM PARAMOUNT UNIFIED SCHOOL DISTRICT	
	LEASE WITH FLEX	1,500.00	07/03/03	FROM SAN GABRIEL VALLEY WATER CO	
	LEASE WITH FLEX	50.00	07/09/03	FROM WHITTIER UNION HIGH SCHOOL DIST	
	LEASE WITH FLEX	120.00	02/11/04	FROM LUNDAY-THAGARD OIL CO	
	LEASE	400.00	06/22/04	FROM SUBURBAN WATER SYSTEMS	2,478.00
NEWARK GROUP INDUSTRIES, INC	LEASE WITH FLEX	-300.00	07/03/03	TO MONTEBELLO LAND AND WATER CO	-300.00
N I INDUSTRIES, INC	LEASE WITH FLEX	-138.00	09/30/03	TO VERNON, CITY OF	-138.00
NORWALK, CITY OF	LEASE	-250.00	06/29/04	TO PICO WATER DISTRICT	-250.00
PABCO BUILDING PRODUCTS, LLC	LEASE WITH FLEX	-800.00	07/03/03	TO CERRITOS, CITY OF	-800.00
PARAMOUNT, CITY OF	LEASE WITH FLEX	-400.00	03/09/04	TO CERRITOS, CITY OF	
	LEASE WITH FLEX	-400.00	04/28/04	TO LONG BEACH, CITY OF	-800.00
PARAMOUNT UNIFIED SCHOOL DISTRICT	LEASE WITH FLEX	-46.00	07/03/03	TO MONTEBELLO LAND AND WATER CO	-46.00
PARK WATER CO	LEASE	382.00	07/02/03	FROM BELLFLOWER, CITY OF	b/
	LEASE WITH FLEX	147.00	07/03/03	FROM CANDLEWOOD COUNTRY CLUB	
	LEASE	1,000.00	07/04/03	FROM COMMERCE, CITY OF	1,529.00
PEERLESS WATER CO	LEASE WITH FLEX	-525.00	12/02/03	TO SOUTH MONTEBELLO IRRIGATION DIST	-525.00
PICO WATER DISTRICT	LEASE	250.00	06/29/04	FROM NORWALK, CITY OF	250.00
ROCKVIEW DAIRIES, INC	LEASE WITH FLEX	10.00	11/13/03	FROM VANGROOTHEEST, ERNEST A	
	LEASE	10.00	12/02/03	FROM BELLFLOWER CHRISTIAN SCHOOL	20.00
ROCKY MOUNTAIN INDUSTRIES, INC	LEASE	30.00	08/27/03	FROM CA WATER SERVICE CO (DOMINGUEZ)	30.00
SAN GABRIEL VALLEY WATER COMPANY	LEASE WITH FLEX	-1,500.00	07/03/03	TO MONTEBELLO LAND AND WATER CO	-1,500.00
SANTA FE SPRINGS, CITY OF	LEASE	-400.00	03/04/04	TO CERRITOS, CITY OF	-400.00
SATIVA L A COUNTY WATER DISTRICT	LEASE	275.00	07/02/03	FROM CA WATER SERVICE CO (DOMINGUEZ)	275.00
SIMMONS SURVIVOR'S TRUST	LEASE WITH FLEX	-33.00	07/06/03	TO TRACT 349 MUTUAL WATER CO	-33.00

TABLE 11. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount in acre-feet	Date	Party	Net Lease
SMITH, REX M	LEASE WITH FLEX	-24.00	07/07/03	TO TRACT 349 MUTUAL WATER CO	-24.00
SOUTH MONTEBELLO IRRIGATION DIST	LEASE WITH FLEX	525.00	12/02/03	FROM PEERLESS WATER CO	
	LEASE WITH FLEX	6.00	03/04/04	FROM GRAHAM, HUGH W OR MARCIA K AS ...	
	LEASE WITH FLEX	170.00	05/18/04	FROM LAKEWOOD, CITY OF	701.00
SOUTHERN CALIFORNIA WATER CO	LEASE WITH FLEX	1,100.00	06/29/04	FROM BELL GARDENS, CITY OF	
	LEASE WITH FLEX	200.00	06/30/04	FROM CALIFORNIA WATER SERVICE CO	
	LEASE WITH FLEX	700.00	06/30/04	FROM SUBURBAN WATER SYSTEMS	2,000.00
SUBURBAN WATER SYSTEMS	LEASE	-400.00	06/22/04	TO MONTEBELLO LAND AND WATER CO	
	LEASE WITH FLEX	-700.00	06/30/04	TO SOUTHERN CALIFORNIA WATER CO	
	LEASE	-400.00	06/30/04	TO WHITTIER, CITY OF	-1,500.00
TRACT NUMBER 180 WATER CO	LEASE WITH FLEX	-300.00	07/08/03	TO TRACT 349 MUTUAL WATER CO	-300.00
TRACT 349 MUTUAL WATER CO	LEASE WITH FLEX	50.00	07/02/03	FROM CALIFORNIA, STATE OF	
	LEASE	147.00	07/03/03	FROM CERRITOS COMMUNITY COLLEGE DIST	
	LEASE WITH FLEX	9.00	07/04/03	FROM KING KELLY MARMALADE CO, INC	
	LEASE WITH FLEX	26.00	07/05/03	FROM MELLANO, G, ET AL	
	LEASE WITH FLEX	33.00	07/06/03	FROM SIMMONS SURVIVOR'S TRUST	
	LEASE WITH FLEX	24.00	07/07/03	FROM SMITH, REX M	
	LEASE WITH FLEX	300.00	07/08/03	FROM TRACT NUMBER 180 WATER CO	
	LEASE WITH FLEX	74.00	07/09/03	FROM VERNON COLD STORAGE, LLC	663.00
UNION DEVELOPMENT CO, INC	LEASE	-12.00	07/17/03	TO BELLFLOWER-SOMERSET MUTUAL WATER COMPANY	-12.00
VANGROOTHEEST, ERNEST A	LEASE WITH FLEX	-10.00	11/13/03	TO ROCKVIEW DAIRIES, INC	-10.00
VERNON, CITY OF	LEASE WITH FLEX	390.00	09/30/03	FROM COAST PACKING CO	
	LEASE WITH FLEX	140.00	09/30/03	FROM KAL KAN FOODS, INC	
	LEASE WITH FLEX	138.00 #	09/30/03	FROM N I INDUSTRIES, INC	
	LEASE WITH FLEX	1,000.00	06/30/04	FROM CA WATER SERVICE CO (DOMINGUEZ)	1,668.00
VERNON COLD STORAGE, LLC	LEASE WITH FLEX	-74.00	07/09/03	TO TRACT 349 MUTUAL WATER CO	-74.00
VIRGINIA COUNTRY CLUB	LEASE WITH FLEX	-274.00	07/02/03	TO LONG BEACH, CITY OF	-274.00 <u>g</u>
WHITTIER, CITY OF	LEASE	400.00	06/30/04	FROM SUBURBAN WATER SYSTEMS	400.00

TABLE 11. TRANSFERS OF ADJUDICATED RIGHTS

Party	Transaction *	Amount in acre-feet	Date	Party	Net Lease
WHITTIER UNION HIGH SCHOOL DISTRICT	LEASE WITH FLEX	-50.00	07/09/03	TO MONTEBELLO LAND AND WATER CO	-50.00
ZANE, STEVE OR FRANCES	LEASE WITH FLEX	-11.50	08/14/03	TO CERRITOS, CITY OF	-11.50
<p>* Lease with flex: carryover provisions included with lease.</p> <p><u>a/</u> Long-term lease, 1998-2008 (4.00 acre-feet)</p> <p><u>b/</u> Long-term lease, 1999-2004 (382.00 acre-feet)</p> <p><u>c/</u> Long-term lease 2001-2004 (317.00 acre-feet)</p> <p><u>d/</u> Long-term lease, 1998-2007 between Dominguez Water Corp (original licensee) and Jones Co (licensor). Dominguez Water Corp became known as Dominguez Water Co. Dominguez Water Co was merged with and into California Water Service Co with "Dominguez" kept as a separate account known as California Water Service Co (Dominguez) (70.00 acre-feet).</p> <p><u>e/</u> Long-term lease, 1998-2008 (2.00 acre-feet)</p> <p><u>f/</u> Long-term lease, 1998-2008 (9.00 acre-feet)</p> <p><u>g/</u> Long-term lease, 1993-2003 (274.00 acre-feet), extended to 2008 in the Second Amendment to Water Right License and Agreement WD-1992</p>					

TABLE 12. APPROVED BUDGET

Salaries, wages & Operating Expenses	417,000		
Total budget	<u>417,000</u>		
One-half payable by State		208,500	
One-half payable by Parties			208,500
Estimated carryover from previous year			
(+) deficit, (-) credit			9,000
Total amount billed			217,500

TABLE 13. APPORTIONMENT OF PARTIES' SHARE OF BUDGET 2003-2004

PARTY NAME	ACRE-FEET	Party's Apportioned Share of Budget
A B C Unified School District	298.00	\$ 312.72 *
Angeles Abbey Memorial Park Inc	4.00	20.00
Artesia Cemetery District	12.00	20.00
Artesia, City of	24.00	24.00
Atlantic Richfield Company	55.00	54.98
Baker Commodities, Inc	60.00	59.97
Bell Gardens, City of	1,914.00	1,912.81
Bellflower Christian School	26.00	26.00
Bellflower, City of	382.00	381.77
Bellflower Home Garden Water Co	306.00	305.82
Bellflower Unified School District	89.00	88.96
Bellflower-Somerset Mutual Wtr Co	4,312.88	4,310.19
Buell, Mary Dolores	1.00	20.00
California-American Water Co	2,067.00	2,065.72
California, State of	50.00	49.98
California Water Service Co	11,774.00	11,766.63
California Water Service Co (Dominguez)	6,480.00	6,475.95
Candlewood Country Club	147.00	146.92
Cerritos, City of	4,680.03	4,677.11
Cerritos Community College Dist	147.00	146.92
Cerro Metal Products	1.00	20.00
Chevron USA Inc.	94.00	93.95
Coast Packing Co	530.00	529.68
Commerce, City	5,081.00	5,077.83
Compton, City of	5,723.00	6,005.39 *
County Water Co	456.00	455.73
Darling-Delaware Co, Inc	117.00	116.94
Dolan, J. E. & Dolan, P. A. & Dolan, T. P.	2.00	20.00
Downey, City of	16,553.62	16,543.25
El Rancho Unified School Dist	55.00	54.98
Emily Eastman	8.00	20.00
Farmers + Merchants Trust Co/LB	14.00	20.00
Filtrol Corp	456.00	455.73
Flesch, Elizabeth	14.00	20.00
Frampton, William H.	25.00	25.00
GNB Inc	62.00	61.97
Gordon, Robert E	4.00	20.00
Graham, Hugh W	6.00	20.00
Great Western Malting Co	358.00	357.79
Harada, George	6.00	21.00 *
Hathaway, J. Benjamin and NTBCA	8.00	20.00
Hathaway, Julian I. And Helen M., Trust	8.00	20.00
Hathaway Ranch Museum	11.11	20.00

TABLE 13. APPORTIONMENT OF PARTIES' SHARE OF BUDGET 2003-2004

PARTY NAME	ACRE-FEET	Party's Apportioned Share of Budget
Hathaway Family Survivor's Trust	11.11	\$ 20.00
Huntington Park, City of	3,853.00	3,850.60
Inglewood Park Cemetery	317.00	316.81
Jeffererson Smurfit Corporation	1,058.00	1,057.35
Jones Company, The	70.00	73.47 *
Kal Kan Foods Inc	140.00	139.92
King Kelly Marmalade Co Inc	22.00	22.00
Kotake, Masao	27.97	27.97
La Habra Heights County Wtr Dist	2,498.00	2,496.45
La Hacienda Water Company	1.00	20.00
Lakewood, City of	9,423.00	9,417.10
Lincoln Memorial Park Inc	34.00	33.99
Little Lake Cemetery District	14.00	20.00
Long Beach, City of	32,684.00	32,663.48
Los Angeles, City of	15,000.00	14,990.60
Los Angeles County Ran Los Amigos	490.00	489.71
Los Angeles Paper Box +Brd Mills	257.00	256.85
Lunday-Thagard Oil Co	212.00	211.88
Paul H. Lussman Jr., et. al.	7.00	20.00
Lynwood, City of	5,337.00	5,333.66
Lynwood Park Mutual Water Co	222.00	221.87
McLaren, Velma and Arline K Nuzum	9.00	20.00
Martin, Mary	28.00	27.99
Maywood Mutual Water Co No 1	741.00	740.55
Maywood Mutual Water Co No 2	912.00	911.44
Maywood Mutual Water Co 3	1,407.00	1,406.13
Mellano, G. et al	13.00	20.00
Midland Park Water Trust	57.00	56.98
Mitsuuchi, Fumiko Mary	11.00	20.00
Montebello, City of	386.50	386.27
Montebello Land and Water Co	1,624.00	1,622.99
Newark Group Industries Inc	757.00	756.54
N I Industries, Inc	138.00	137.93
Norwalk, City of	1,267.00	1,266.22
Norwalk La Mirada Unified School Dist	378.00	377.78
Orange County Nursery, Inc.	13.00	20.00
Orchard Dale Water District	1,107.00	1,106.32
PABCO Bldg Prodruts Inc	800.00	799.51
Paradise Memorial Park	16.00	20.00
Paramount, City of	5,883.00	5,879.32
Paramount Unified School District	46.00	45.98
Park Water Co	1.30	20.00
Patrician Associates Inc./Majestic Realty	12.00	20.00

TABLE 13. APPORTIONMENT OF PARTIES' SHARE OF BUDGET 2003-2004

PARTY NAME	ACRE-FEET	Party's Apportioned Share of Budget
Peerless Water Company	986.00	\$ 985.39
Pico Boys Baseball Inc	13.00	21.00 *
Pico Water District	3,624.00	3,621.74
Pico Rivera, City of	5,579.00	5,575.51
Randall, Villis Family Trust	4.00	20.00
Rockview Dairies Inc	75.00	74.97
Roman Catholic Archbishop of L A	347.00	346.79
St John Bosco School	42.00	41.99
San Gabriel Valley Water Co	2,616.00	2,614.37
Santa Fe Springs, City of	4,035.78	4,033.26
Sativa L A County Water District	474.00	473.72
Scantlebury, Robert P.	4.00	21.00 *
Seven-Up/RC Bottling Co. of So. Calif.	69.00	68.97
Signal Hill, City of	2,022.00	2,020.74
Simmons, Survivor's Trust	33.00	32.99
Smith, Rex, M.	24.00	24.00
South Montebello Irrigation Dist	1,268.00	1,267.22
Southern California Edison Co	670.00	669.59
Southern California Water Co	16,439.20	16,428.90
Southern Service Co + Environ Inc	65.00	64.97
South Gate, City of	11,183.00	11,176.00
Suburban Water Systems	3,721.00	3,718.68
Tract Number 180 Water Co	2,137.00	2,135.67
Tract Number 349 Water Co	423.00	422.75
Bobby Ray Robertson, Jr. (Tucker)	8.00	20.00
Union Development Co	12.00	20.00
United States Gypsum Co.	1,265.00	1,264.22
Vangrootheest, Ernest A	10.00	20.00
Vernon, City of	8,039.00	8,033.97
Vernon Cold Storage, LLC	74.00	73.97
Virginia Country Club	274.00	273.84
Walnut Park Mutual Water Co	996.00	995.39
Whittier, City of	895.00	894.45
Whittier Union High School Dist	100.00	104.95 *
Yamamoto, George and Alice	14.00	21.00 *
Zane, Steve or Francis	11.50	20.00
<b>TOTALS</b>	<b>217,259.00</b>	<b>\$ 217,813.36</b>
* A total of \$313.36 was collected for late payments.		

## APPENDIX A

### CONTINUING HISTORY OF WATERMASTER SERVICE

#### History of Water Resources Development

More than one hundred years ago the Los Angeles Coastal Plain was on the threshold of a sharp increase in population. The key to its future was water.

A shortage of sufficient year-round surface water in the Central Basin forced the development of groundwater sources. As early as 1870, water users had tapped the artesian wells and springs east of the Newport-Inglewood Uplift. When those wells stopped flowing, users were forced to drill shallow wells, which supplied enough water to continue development and economic growth.

Groundwater development increased dramatically in 1909 with the advent of the deep-well turbine pump. Its tremendous adaptability and superior operating characteristics provided efficient water wells within economic reach of everyone. In time, the availability of reliable water supplies attracted industry and agriculture. Eventually, however, the demand for groundwater exceeded the natural replenishment of the Central Basin.

The resulting overdraft affected the groundwater basin by lowering the water levels and by causing oceanfront areas to be subjected to sea water intrusion.

The deteriorating groundwater situation in the Central Basin and in the adjoining West Coast Basin led to the formation of the Central Basin Water Association in 1950, similar to the water association in the West Coast Basin. This led to a plan to achieve the following results:

1. Provide supplemental water to major producers;
2. Limit groundwater extractions from the Central Basin; and
3. Create an exchange water pool to provide groundwater pumping rights for users lacking access to other supplemental water supplies.

Step 1 was realized in 1952 when the Central Basin Municipal Water District was formed to distribute water from the Colorado River. The district was annexed to The Metropolitan Water District of Southern California (MWD) in 1954, and Colorado River water soon flowed into the Central Basin. State Water Project water was first delivered in 1973.

The West Basin and the Central Basin Water Associations were largely responsible for the creation of the Central and West Basin Water Replenishment District (CWBWRD) in 1959. This special district covers 420 square miles of the Central and West Coast Basins (Coastal Plain) of Los Angeles County. Its objective is to replenish and maintain the groundwater basins by purchasing imported water, recharging the basins, and halting sea water intrusion.

On January 2, 1962, the CWBWRD filed Case No. 786,656 in the Superior Court, County of

Los Angeles, naming more than 700 parties as defendants. It sought to obtain quiet title to rights to the use of groundwater, to secure a judicial definition of each right as against each and every other right involved, and to regulate withdrawals from the Central Basin to protect the water supply from deterioration.

Adverse groundwater conditions and the indefinite period before final adjudication prompted the Central Basin Water Association to draft an interim agreement curtailing extractions from the Basin. By September 1962, the proposed agreement had been approved by a sufficient number of water producers (producers owning over 75 percent of the Assumed Relative Rights within the Basin) to guarantee control over groundwater pumping in the Basin. On September 28, 1962, the Court signed the "Order Pursuant to Stipulation and Interim Agreement and Petition for Order" and appointed the Department of Water Resources (DWR) as Watermaster.

To avoid the protracted litigation experienced by other Watermaster service areas in Los Angeles County, the attorneys representing principal parties held monthly meetings to work out a settlement. A stipulated judgment was drafted. Approval by public utility water companies and other producers represented well over 200,000 acre-feet, 75 percent, of the total rights within the Basin. This was a prerequisite to filing the stipulated judgment with the Court.

A pretrial hearing was held in March 1965, and on May 17, 1965, the case went to trial before Judge Edmund M. Moor. After a week's testimony on engineering, geology, hydrology, and safe yield of the Basin and arguments on water right entitlement, the case was continued to August 25, 1965. Shortly thereafter, Judge Moor appointed DWR as Watermaster. The final Judgment was signed on October 11, 1965 and became effective on October 1, 1966.

The Judgment was for the first time amended on March 21, 1980, to provide for a transition in the administrative year from a water year (October 1 to September 30) to a fiscal year (July 1 to June 30). Under the Judgment, this transition in turn contained a "short" administrative year of nine months -- October 1, 1980, to June 30, 1981. The administrative year starting July 1, 1981, was on a fiscal year basis.

The Judgment was again amended on July 9, 1985, modifying the annual budget (\$20 minimum assessment) and exchange pool provisions. The second amended Judgment of May 6, 1991, modified the carryover and overproduction provisions (to 20 percent or 20 acre-feet from 10 percent or 10 acre-feet), defined drought carryover, and provided for exemptions for extractors of contaminated groundwater.

On January 12, 2001 by order of Watermaster, the Water Replenishment District of Southern California issued Non-Consumptive Use Permit No. 2000-01 to the Southeast Water Coalition for the "Central Basin Early Remediation Project" to remedy or ameliorate groundwater contamination that originated in the San Gabriel Valley and that has moved into the northeast portion of the Central Groundwater Basin.

### Watermaster Service

Watermaster Service is administered by DWR in accordance with Part 4, Division 2, of the California Water Code. Watermaster service areas are created by DWR, either at the request of water users or by order of the Superior Court. The first Watermaster service area was formed in September 1929.

Once a month, every groundwater pumper reports its extractions to the Watermaster. This makes it possible to update the water right account (Watermaster Water Production Summary) by computing the amount pumped during the previous month, the amount pumped during the current fiscal year, and the amount that can legally be pumped during the remainder of the year. A copy of the Watermaster Water Production Summary is mailed to the pumper each month.

If electric meter readings are reported along with water meter readings, electric power consumption can be correlated with water production. Erratic or rapidly increasing electric power consumption vs. water production, for instance, may suggest an inefficient pump, system losses, or an inaccurate or malfunctioning water meter.

The Watermaster's field staff schedules tests to determine water meter accuracy on every active well. Large systems are tested at least once every two years. Accurate measurement of groundwater extractions is absolutely necessary for the success of the Basin's management plan. All available means, including system efficiency tests, are used to confirm water meter test results. Results of each test are furnished to the well owner. If a meter is inaccurate beyond plus or minus 5 percent, it must be repaired within 30 days. Follow-up tests on repaired meters and initial tests on new meters are scheduled whenever necessary. Parties may also request a meter test at any time.

### Water Replenishment District of Southern California

The Central and West Basin Water Replenishment District changed its name to Water Replenishment District of Southern California (WRD). WRD is an active water conservation organization in Los Angeles County. It is responsible for replenishing the groundwater supply to both the Central and West Coast Basins.

The creation of water replenishment districts is a statutory procedure established by the Legislature. Division 18 of the California Water Code describes the duties and obligations of such a district, which has powers well suited to solving groundwater problems, whether they be quality- or quantity-oriented.

WRD is comprised of a Board of Directors and a small staff. It is actively engaged in several replenishment programs. These programs, (i.e., water spreading, barrier operation, and in-lieu replenishment), are described in this report. WRD also publishes an annual report of its operations. (Additional information may be obtained from its staff, 12621 East 166th Street, Cerritos, CA 90703, phone 562-921-5521).

The Watermaster cooperates closely with WRD for the following reasons: (1) Watermaster service areas in the Central and West Coast Basins closely match the district boundaries;

(2) both WRD and the Watermaster are required to record all groundwater extractions from the Basins; (3) WRD was the plaintiff in the Central Basin Water Right Case (Case No. 786,656, Superior Court, Los Angeles County); and (4) both WRD and the Watermaster are concerned with the usefulness of the groundwater basins in the Coastal Plain. Many of the Watermaster's data collection programs are coordinated with the WRD to prevent duplication. Hence, monthly or quarterly water well production reports are sent to the Watermaster through WRD.

Water from many sources is required to serve the needs of Southern California's thriving urban economy. Water from the Colorado River, the Owens River-Mono Basin, and Northern California; runoff from local mountains, local groundwater, and reclaimed water contribute to the water supply.

Local precipitation on the Basin has only a small direct influence on the recharge of groundwater supply in the Central Basin because a layer of impermeable material lies between the surface and the producing aquifers, except in the forebay areas. As a consequence, very little of the rain which falls directly on the Basin reaches the zones where it can be pumped back to the surface.

### Groundwater Recharge

Natural replenishment of the Basin's groundwater supply is largely from surface inflow through Whittier Narrows (and some underflow) from the San Gabriel Valley. Some of the water that percolates into the forebay areas of the Central Basin eventually crosses the barrier between the Central Basin and the West Coast Basin and flows into the West Coast Basin.

Outflow and extractions have exceeded natural replenishment. Extractions controlled by the Judgment are fairly constant year to year. Today, attempts are made to reestablish nature's balance by natural, artificial, and in-lieu replenishment.

In one common method of replenishment, water spreading, water is flooded on areas where it can percolate into the underground aquifers and can supplement the natural recharge supply. Large quantities of water can be returned to the ground by spreading, but the process is limited by the space available for facilities for spreading and by the ability of the recharge aquifers to percolate water back to the Basin. Imported water purchased from the Metropolitan Water District and recycled water from the Whittier Narrows and the San Jose Creek Water Reclamation Plants are used for artificial recharge.

### In-Lieu Replenishment

During the 1965-66 water year, WRD began a program of in-lieu replenishment. The program is authorized by Section 60230 of the California Water Code. In effect, WRD was given the power to contract with any producer having access to supplemental water that can be used instead of pumping water from the ground.

The program may be used to achieve the following purposes: alter pumping patterns within a groundwater basin; replenish areas of low transmissivity where conventional recharge

techniques are ineffective; heighten the effect of injecting water to form a sea water barrier by reducing extractions in the vicinity; reduce the amount of replenishment water purchased by WRD; and reduce the annual extractions from a groundwater basin (See Table 9).

### Alamitos Barrier Project

The Alamitos Barrier Project (Figure 4 and Table 6), designed to prevent sea water intrusion into the fresh water aquifers of the Central Basin, is of great importance to water users in the Central Basin.

Sea water intrusion at the mouth of the San Gabriel River (Alamitos Gap) poses a serious threat to the groundwater supply. This area has seven water-bearing zones identified in downward order as the Recent aquifer, C Zone, B Zone, A Zone, I Zone, Main (Silverado) aquifer, and Lower Zone (Sunnyside) aquifer.

Sea water intrusion occurs through the Recent aquifer, which is very permeable and open to the sea. The C, B, A, and I Zones merge with the Recent aquifer and are, therefore, susceptible to intrusion, as can be noted by the varying degrees of salinity occurring in the water in each zone. The saline water intrusion has been detected as far as 10,000 feet landward of the Newport-Inglewood fault zone and, if unchecked, the intrusion could extend into the Silverado and Sunnyside aquifers, which are the principal groundwater-producing zones in the Basin.

The Los Angeles County Department of Public Works operates a barrier comprised of a saline water extraction trough and a fresh water injection pressure ridge to halt intrusion. In addition to the extraction wells and injection wells required, a number of observation wells are also part of the project. These provide data along the barrier and are used to monitor groundwater levels and water quality in this area.

The information from this monitoring program will be utilized in determining if additional barrier facilities are necessary. Since operation of the barrier began in 1965, the sea water intrusion problem has been contained.

### Basinwide Water Quality Monitoring

In compliance with Title 22 of the California Administrative Code, the Central Basin Water Association is involved in a basinwide plan to monitor the quality of water being pumped for domestic use.

Primary enforcement responsibility of the 1974 National Drinking Water Act, as embodied in the National Interim Primary Drinking Water Standards, was given to the states. California has assumed primary enforcement responsibility through passage of Senate Bill 1078, signed by the Governor in October 1976.

### Groundwater Levels

Every water well owner in the Central Basin is concerned with groundwater levels because the cost of pumping water is largely dependent on the distance it must be lifted. Energy costs have risen dramatically and are expected to continue to rise in the foreseeable future.

Figure 6 shows water level information in the form of selected hydrographs. The hydrographs are representative of water levels in wells producing from several aquifers underlying the Basin. Additional water level information is contained in WRD's annual report.

Prior to 1961, groundwater from the Basin satisfied most of the demand. However, the Judgment reduced extractions to 217,367 acre-feet annually, so imported water has become a major component of the area's water supply.

Figure 7 illustrates the groundwater extractions and imported water use from 1957-58 to the present, less San Gabriel Valley imports. Much of the increase in demand for imported water during the mid-1960s may be attributed to the curtailment of groundwater extractions. Since the early 1970s the demand for imported water has leveled off.

### Groundwater Extractions

The Central Basin Judgment limits the amount of groundwater each party can extract annually from the Basin (Appendix B). This limit is referred to as the "Allowed Pumping Allocation" (APA). Recipients of Exchange Pool water may pump the amount released to them in addition to their APA.

The monthly groundwater production from each active well in the Basin is listed by Party in Appendix C. Water wells producing less than 25 acre-feet per year do not require a meter and their production, which may be reported on a quarterly basis, is also included in Appendix C. Wells where groundwater was extracted are shown on Plate 1.

To provide flexibility in the control of groundwater extractions, the Judgment contains provisions allowing the parties to carry over into the succeeding water year a portion of their unused water rights and in some cases to overextract. This flexibility was necessary to meet unforeseen emergencies in water demand.

One provision allows parties to carry over from one water year to another any unused APA not to exceed 20 percent of their APA or 20 acre-feet, whichever is greater\*. In addition, any unused Exchange Pool water can be carried over into the following fiscal year.

Parties are also allowed to overextract by 20 percent of their APA or 20 acre-feet, whichever is greater. Under certain circumstances, parties may overextract in greater amounts; however, prior approval by the Watermaster must be obtained. In any case, the

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\*This provision of the Judgment was amended to permit all parties full 100 percent carryover from 1976-77 and 1977-78 because of the drought.

overextraction must be made up the following fiscal year unless Watermaster grants relief due to an unreasonable hardship; such relief can be prorated over a 5-year period.

### Water Well Identification

A State Well Number identifying water wells in the Central Basin is derived from a system based on the U. S. Public Land Survey. Each number consists of township and range designations, a section number, a letter representing the 40-acre tract in which the well is situated, a sequence number indicating the chronological order in which the well number was assigned, and a letter representing the base and meridian. The last letter is frequently omitted from well numbers in a single area because all wells there share a single base and meridian. The components of Well 3S/11W-12C03S, for example, are identified in Figure 8.

Well numbers are assigned and recorded by the Department of Water Resources. In addition, information on each well shown on Plate 1 is maintained in the Watermaster's office.

## ADMINISTRATION OF JUDGMENT

The Central Basin Judgment contains provisions for the parties to obtain additional pumping rights, to exceed entitled extractions, or to vary annual pumping. The procedure thus established is described below.

### Exchange Pool

The Court and parties foresaw that adjudicating the water rights in the Central Basin and limiting the total extractions would not suffice for all parties. For this reason, Part III, Subpart C of the Judgment authorizes an Exchange Pool to provide additional water rights for parties without a supplementary supply.

On or about July 1 of each year, the Watermaster mails an Exchange Pool form to each party, requesting that the form be completed and returned to the Watermaster by August 9. The form provides for making mandatory offers of water rights to the pool, referred to as "Required Subscription" in the Judgment; voluntary offers referred to as "Voluntary Subscription"; and making requests for water rights from the pool. In completing the form, the member must estimate his water needs and supply for the, ensuing fiscal year.

### Requests

A request for Exchange Pool water rights may be made when a Party's estimated needs exceed its total supply, including leases. A Category (a) Request is defined as that quantity requested by a member not in excess of 150 percent of his APA or 100 acre-feet, whichever is greater. Category (b) Requests are those which exceed the 150 percent or 100-acre-foot limitation. Whenever there are insufficient Voluntary Subscriptions to meet all Category (a) Requests, Required Subscriptions may be used. All Category (a) Requests shall be filled first before any Category (b) Requests are filled. Category (b) Requests are filled first by any remaining Voluntary Subscriptions before the Required Subscriptions are used.

A Required Subscription can be made to the pool when a member has a connection to supplementary water and can obtain imported water from MWD or the Central and West Basin Municipal Water District. The Required Subscription is limited to 20 percent of the member's APA, except that the Required Subscription, plus the party's water needs for the year, cannot exceed the party's total supply.

A Voluntary Subscription can be made by any member of the Exchange Pool. The only requirement is that the member's supply must exceed its estimated needs and only the difference between the member's supply and needs may be offered.

However, the Watermaster must first allocate all the Voluntary Subscriptions before using the Required Subscriptions in filling Category (a) Requests and Category (b) Requests.

Experience has shown that Voluntary Subscriptions have always been sufficient to meet all the Category (a) Requests; as a result, no Required Subscriptions have been used to fill Category (a) Requests.

The price charged for Exchange Pool water rights is fixed by Part III, Subpart C, Paragraph 10 of the Judgment. This provision was amended by the Court order on July 9, 1985. The price is now based primarily on: (a) the weighted daily normal price as of the beginning of the administrative year charged by the Central Basin Municipal Water District for treated MWD water used by the exchangers during the preceding fiscal year (July 1 - June 30); (b) less the incremental cost of pumping water in the Basin at the beginning of the administrative year determined by Southern California Edison Company's schedule PA-1 rate multiplied by 560 kilowatt-hours per acre-foot rounded to the nearest dollar; and (c) less the current replenishment assessment. Because item (a) varies among exchangers and items (b) and (c) vary from year to year, the cost of Exchange Pool water will likewise vary among exchangers and from year to year.

#### Exchange Pool Carryover

The Judgment provided that the parties be allowed to pump their entire exchange-water-right purchases, regardless of the provisions limiting carryover of water rights. Therefore, a specific exchange water carryover provision was drafted and included in the Judgment.

The provision specifically allows a party who purchased exchange water to carry over the unpumped portion of its allowable extraction into the next succeeding administrative year. The carryover cost is authorized by the Judgment and is based on the difference in the prices of Exchange Pool water between the year the water was purchased and the succeeding year.

#### Transfers of Allowed Pumping Allocations

The Central Basin Exchange Pool is not the only method of obtaining additional pumping rights. Each water year, there are many water-right leases and sales between parties.

In Appendix B there are also recorded sales of water rights between parties and the current ownership of Allowed Pumping Allocations by each of the parties as of June 30.

Suggested samples of water right lease and sale agreements are illustrated in Appendix B. The Watermaster recommends that all documents be prepared on an 8-1/2 x 11-inch sheet of paper. Any necessary additions to the recommended agreement may be attached on another page. These sample documents do not have to be used, but they are sufficient for most purposes.

When property on which water rights have been developed is sold, the Watermaster must be furnished a copy of the sale document. The sale document is required for the proper accounting of the water rights. The Watermaster assumes that the water rights pass to the new owner unless ownership of the water rights is specifically reserved in the sale document.

In leasing, buying, or selling water rights, parties should be specific as to the type, i.e., Total Water Right or Allowed Pumping Allocation. All leases should be entered into on the basis of Allowed Pumping Allocation, whereas sales should specify both amount of Total Water Right and amount of Allowed Pumping Allocation, each to the nearest whole acre-foot. All water-right leases should be made on a fiscal year basis, i.e., July 1 of one calendar year through June 30 of the following year.

The Watermaster keeps a list of parties who have interest in buying, selling, or leasing water rights. Any party wishing to be listed should call the Watermaster. This is a courtesy to assist parties unable to resolve problems regarding an excess or deficiency of water rights. Watermaster will make no recommendation regarding transactions conducted relative to the use of this service. The names of all parties using this service are available in the Watermaster's office and may be obtained by telephone or by a visit to the office.

### Overextractions

Each year some parties extract more groundwater from the Central Basin than they are entitled to. The overextractions are usually small and are usually within the tolerance set by the Judgment. Each party may overextract by 20 acre-feet or 20 percent of its Allowed Pumping Allocation, whichever is greater, on the premise that the overextraction will be eliminated during the following fiscal year. Any overextractions above this limit must have prior approval of the Watermaster. Most overextractions are caused by unexpected increases in water demand, so it would be unreasonable not to allow some deviation from the limits and guidelines of the Judgment.

### Findings and Determinations by Watermaster

From time to time, the Watermaster evaluates historical groundwater production records of parties at the request of the parties or at the Watermaster's discretion. In some instances, the evaluations and findings result in minor uncontested changes in the production records; which may be to the benefit of or to the detriment of the party.

### Carryover of Allowed Pumping Allocation

The provision in the Judgment (Subpart A, Part III)\* relative to allowable carryover of unused water rights states in part: "Each party ... who ... does not extract ... a total quantity equal to such party's Allowed Pumping Allocation for the particular Administrative year ... is permitted to carry over from such Administrative year the right to extract from Central Basin in the next succeeding Administrative year so much of said total quantity as it did not extract .... not to exceed 20% of such party's Allowed Pumping Allocation, or 20 acre-feet, whichever ... is the larger." (Underlining added.)

The method of computing the carryover and allowable overextractions was changed, effective in the 1972-73 fiscal year. It is now assumed that, when not specifically passed to the lessee by the lease document, the amount leased is not deducted from the lessor's Allowed Pumping Allocation for computing the carryover or allowable overextraction. All future lease documents must contain a statement as to which party receives the benefit of the amount leased for computing carryover or overextractions. Item (5) in suggested Water Right License and Agreement is sufficient for this requirement (see Appendix B).

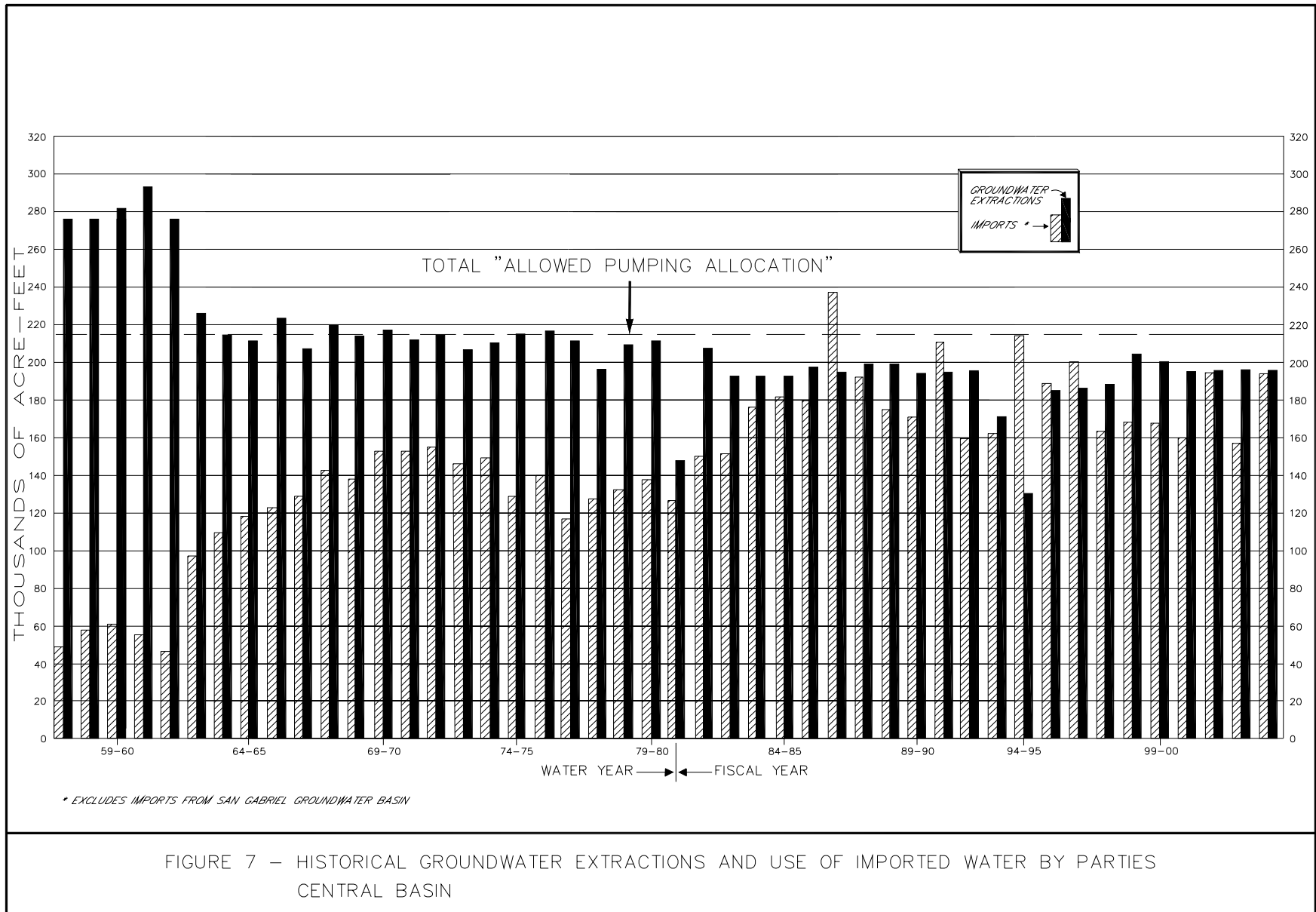
### Cost of Watermaster Service

The Judgment requires that the Watermaster prepare and mail a copy of the tentative budget to each of the parties at least 60 days before the beginning of each fiscal year. If no objections are received within 15 days after submitting the budget, it becomes final.

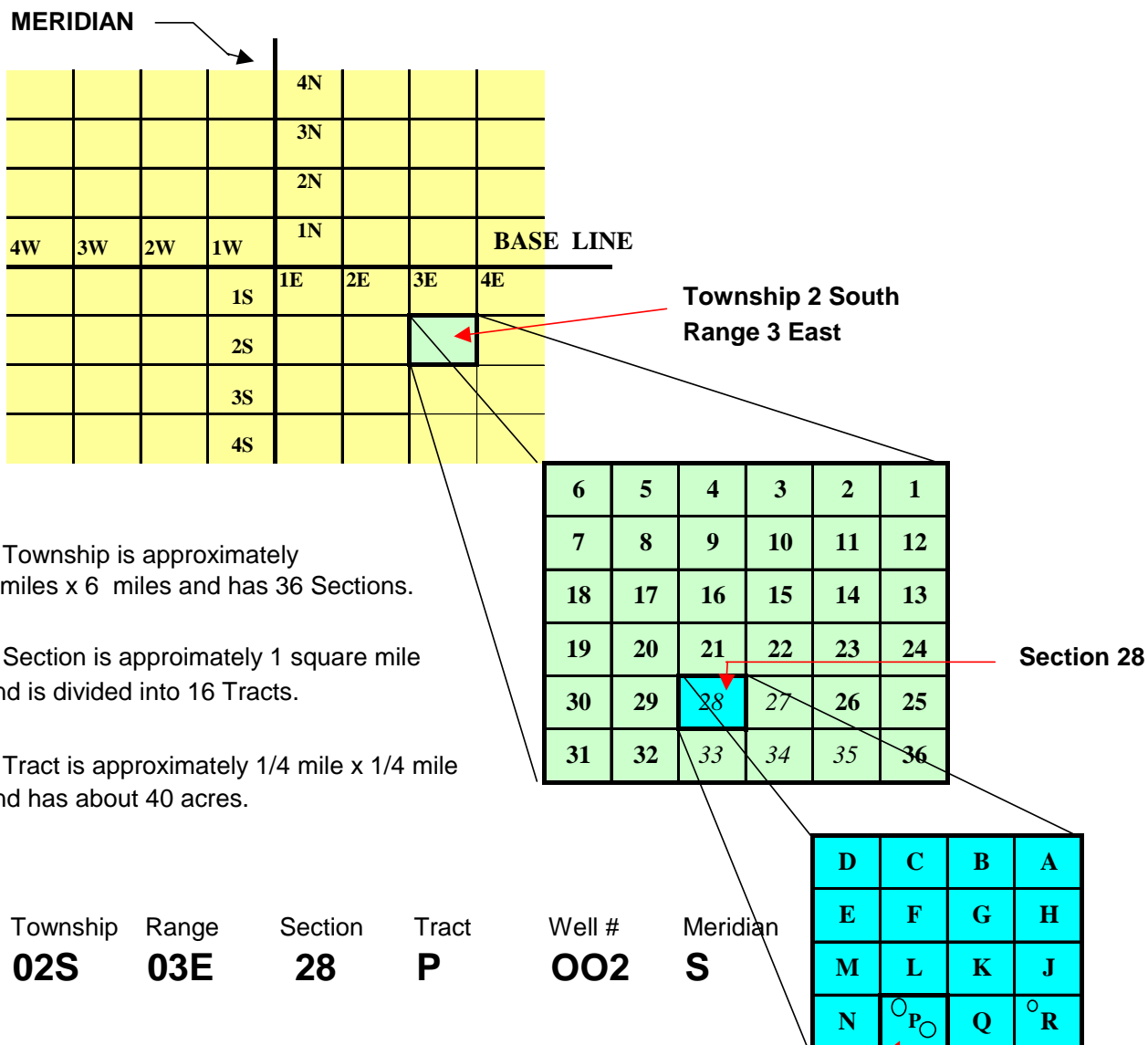
The administrative cost chargeable to the parties was apportioned among the parties as directed by the Judgment. The Judgment provides that, if the amount to be assessed to each party of the final budget is equal to or less than \$20 per party, the cost shall be equally apportioned among the parties. However, if the party's share of the budget is greater than \$20, each party will be assessed a minimum of \$20 and the total amount collected will be deducted from the parties' share of the budget. The balance to be collected is then assessed among the parties in proportion to their Allowed Pumping Allocations.

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\* This provision of the Judgment was amended because of the drought to permit all 206 parties full carryover for the 1976-77 and 1977-78 fiscal years.



## FIGURE 8 - STATE WELL NUMBER SYSTEM



In this example, if there are two wells in Tract P.

## APPENDIX B

# **SUCCESSION OF ALLOWED PUMPING ALLOCATION IN CENTRAL BASIN, JUNE 2004**

## **SUGGESTED SAMPLES OF DOCUMENTS FOR TRANSFERRING WATER RIGHTS**

YEARLY LEASE	PERMANENT TRANSFER
<p style="text-align: center;"><u>WATER RIGHT LICENSE AND AGREEMENT</u></p> <p>For a valuable consideration, THE JOHN DOE COMPANY hereby grants to JOHN SMITH: a license to extract _____ acre-feet of Licensors Allowed Pumping Allocation allocated to Licensors (or predecessors in interest) under and pursuant to Judgment dated October 11, 1965, and entered in Los Angeles Superior Court Case No. 786,656 entitled "Central and West Basin Water Replenishment District vs. Charles E. Adams, et al." during the period commencing July 1, 20____ and continuing to and including June 30, 20____.</p> <p>Said License is granted subject to the following conditions:</p> <ol style="list-style-type: none"> <li>(1) Licensee shall exercise said right and extract the same on behalf of Licensors during the period above specified and put the same to beneficial use and Licensee shall not by the exercise hereunder of said right acquire any right to extract water independent of the rights of Licensors.</li> <li>(2) Licensee shall pay assessments levied on the pumping of said ground waters by the Water Replenishment District of Southern California.</li> <li>(3) Licensee shall notify the District and the Watermaster that said pumping was done pursuant to this license and provide the Watermaster with a copy of this document.</li> <li>(4) Licensee shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license.</li> <li>(5) Licensee's Allowed Pumping Allocation _____ (shall) (shall not) be increased by the amount hereby leased when computing carryover or allowable overextraction as provided by Part III, Subpart A and B in said Judgment.</li> </ol> <p>THE JOHN DOE COMPANY warrants that it has _____ acre-feet of Allowed Pumping Allocation and that it has not pumped and will not pump or permit or license any other person to pump any part of said _____ acre-feet during the period of July 1, 20____ through June 30, 20____.</p> <p>Dated: _____</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>JOHN SMITH</p> <p>By _____</p> <p>Title _____</p> </div> <div style="width: 45%;"> <p>THE JOHN DOE COMPANY</p> <p>By _____</p> <p>Title _____</p> </div> </div>	<p style="text-align: center;"><u>DEED OF WATER RIGHTS</u></p> <p>For a valuable consideration, JOHN SMITH hereby sells and transfers to THE JOHN DOE COMPANY:</p> <p>The Right to extract _____ acre-feet of grantor's Allowed Pumping Allocation (_____ acre-feet of Total Water Right) allocated to grantor (or predecessors in interest) under and pursuant to Judgment dated October 11, 1965 and entered in Los Angeles Superior Court Case No. 786,656 entitled "Central and West Basin Water Replenishment District vs. Charles E. Adams, et al."</p> <p>Dated: _____</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>THE JOHN DOE COMPANY</p> <p>By _____</p> <p>Title _____</p> </div> <div style="width: 45%;"> <p>JOHN SMITH</p> <p>By _____</p> <p>Title _____</p> </div> </div>

**SUCCESSION OF ALLOWED PUMPING ALLOCATION  
IN CENTRAL BASIN-JUNE 2004 (in acre-feet)**

There were no ownership changes this fiscal year.  
See 2003 Annual Report for details

**APPENDIX C**

**GROUNDWATER EXTRACTIONS**

**PARTIES REPORTING MONTHLY**  
**AND PARTIES REPORTING QUARTERLY**

		PRODUCTION - CENTRAL BASIN													TOTAL
: STATE	: OWNERS	2003					2004							:	
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>ABC UNIFIED SCHOOL DISTRICT</u></b>															
0020															
03S/12W-25J01S	NEMUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04S/11W-06Q02S	TETZL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04S/11W-07C01S	ART2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04S/11W-07N03S	KISCH	6.10	5.21	3.65	3.82	1.42	1.10	0.71	1.21	1.18	1.63	3.55	6.68	36.26	
04S/11W-07R03S	MESCH	0.47	0.95	0.96	2.26	1.39	0.25	0.19	0.22	0.19	0.73	1.44	2.53	11.58	
PARTY TOTALS:			6.16		6.08	1.35		1.43		2.36		9.21			
		6.57		4.61		2.81		0.90		1.37		4.99			47.84
<b><u>ARTESIA, CITY OF</u></b>															
0160															
03S/11W-31N02S	1	4.41	4.35	3.15	2.32	1.39	0.63	0.49	0.82	1.61	2.61	4.13	3.47	29.38	
<b><u>ASHLAND CHEMICAL CO</u></b>															
0182															
03S/11W-05G02S	EX-1	0.00	0.00	0.00	0.00	0.13E	1.71	1.90	1.32	0.68	0.78	0.00	1.09	7.61	
03S/11W-05G03S	EX-2	0.00	0.00	0.00	0.00	0.06E	1.47	1.13	1.04	1.65	0.18	0.00	1.33	6.86	
03S/11W-05G04S	EX-3	0.00	0.00											0.00	
03S/11W-05K04S	EX-4						0.48	0.53	0.29	0.01	0.00	0.00	0.08	1.39	
03S/11W-05K05S	EX-5					0.09E	0.26	0.17	0.15	0.05	0.00	0.00	0.04	0.76	
PARTY TOTALS:			0.00		0.00		3.92		2.80		0.96		2.54		
		0.00		0.00		0.28		3.73		2.39		0.00			16.62
<b><u>BELL GARDENS, CITY OF</u></b>															
0387															
02S/12W-28A04S	3F	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-28M02S	1	90.32	76.18	79.86	77.08	63.98E	59.69	63.42	55.66	65.54	65.05	83.92	69.38	850.08	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
: STATE	: OWNERS	2003						2004						: TOTAL	
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
PARTY TOTALS:		76.18		77.08		59.69		55.66		65.05		69.38			
		90.32		79.86		63.98		63.42		65.54		83.92		850.08	
<u>BELLFLOWER CHRISTIAN SCHOOL</u>															
0400															
03S/12W-35B01S	VCHS	1.49E	1.30E	1.97E	1.30E	1.10E	1.16E	0.82E	0.63E	0.92E	1.13E	1.01E	0.00	12.83	
<u>BELLFLOWER HOME GARDEN WATER CO</u>															
0420															
03S/12W-28N02S	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-28P06S	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-28P07S	2	31.30	32.20	31.05	28.71	26.31	27.77	23.63	25.09	28.75	30.07	27.97	27.85	340.70	
PARTY TOTALS:		32.20		28.71		27.77		25.09		30.07		27.85			
		31.30		31.05		26.31		23.63		28.75		27.97		340.70	
<u>BELLFLOWER-SOMERSET MUTUAL WTR CO</u>															
0445															
03S/12W-22G02S	00949	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-22M02S	09884	22.72	20.92	12.16	11.90	11.56	8.89	7.89	7.77	7.62	7.25	12.29	6.53	137.50	
03S/12W-23E04S	02587	61.46	60.30	56.86	57.36	36.39	43.94	37.77	59.88	54.06	52.67	63.24	56.46	640.39	
03S/12W-26C02S	00944	29.00	83.77	79.78	84.89	72.64	78.69	83.67	44.93	89.52	81.52	57.23	37.67	823.31	
03S/12W-27B01S	09833	104.58	123.63	117.79E	124.00	94.29	63.71	50.92	34.09	34.10	74.97	116.99	114.15	1053.22	
03S/12W-27C02S	00759	51.52	48.75	40.05E	47.98	48.24	47.60	36.92	45.82	50.42	32.60	53.70	49.01	552.61	
03S/12W-27H02S	09903	59.36	50.18	50.94	12.66	21.30	27.27	7.38	8.12	10.30	10.42	12.33	10.61	280.87	
03S/12W-27R01S	00955	67.91	66.84	64.66	65.20	64.59	66.49	66.47	62.57	66.43	63.72	63.91	61.91	780.70	
03S/12W-28H03S	00767	0.00	0.00	0.00	0.00									0.00	
03S/12W-33B01S	02615	52.54	50.66	48.63	14.68	35.56	35.17	28.50	55.98	59.88	57.16	57.35	55.29	551.40	
PARTY TOTALS:		505.05		418.67		371.76		319.16		380.31		391.63			
		449.09		470.87		384.57		319.52		372.33		437.04		4820.00	
<u>CALIFORNIA-AMERICAN WATER CO</u>															
0679															
02S/14W-10Q02S	CREN	84.43	83.85	101.22	49.86	22.30	8.47	0.09	0.55	9.05	14.39	23.40	32.76	430.37	
02S/14W-14C05S	VERN2	0.00	0.00	0.00	7.85	28.08	50.86	98.92	65.76	72.49	61.31	29.43	25.06	439.76	
02S/14W-14C06S	VERN3	62.25	60.65	64.70	56.92	27.88	1.51	58.59	53.91	39.29	50.20	62.20	67.18	605.28	
02S/14W-14C07S	48THS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/14W-14F02S	ARL	104.69	84.20	114.75	90.32E	106.57	106.08	145.37	85.75	40.48	25.71	36.51	93.65	1034.08	
PARTY TOTALS:		228.70		204.95		166.92		205.97		151.61		218.65			
		251.37		280.67		184.83		302.97		161.31		151.54		2509.49	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN														
: STATE	: OWNERS	2003					2004								: TOTAL	
: WELL	: DESIG-															
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
<b><u>CALIFORNIA, STATE OF (CALTRANS)</u></b>																
0690																
03S/12W-15F03S	3D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15F04S	3D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15G06S	4D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15H03S	4D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15H04S	4D3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15H05S	4D4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-17E01S	1D1	13.94	4.74	8.25	0.00	0.00	6.33	0.00	1.08	0.00	0.00	0.00	0.00	0.00	34.34	
03S/12W-17E02S	1D2	7.82	0.00	1.07	0.79	0.79	3.75	0.00	4.30	0.00	1.18	0.00	0.00	0.00	19.70	
03S/12W-17E03S	1D3	6.10	0.00	11.74	0.00	0.00	0.00	7.47	0.00	25.26	0.00	0.00	0.00	0.00	50.57	
03S/12W-17E04S	1D4	40.67	41.51	39.51	55.24	43.18	38.47	52.53	51.63	40.39	47.26	37.98	35.65	524.02		
03S/12W-17E05S	1D5	24.47	0.00	26.04	0.00	23.30	0.00	26.20	0.04	21.07	0.00	21.55	0.00	142.67		
03S/12W-17E06S	1D6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-17E07S	1D7	30.37	0.00	32.78	0.00	18.97	0.00	32.24	0.00	15.08	0.00	14.13	32.97	176.54		
03S/12W-17E08S	1D6A	0.00	34.51	0.00	29.70	0.00	25.28	0.00	29.71	0.00	28.61	0.00	29.38	177.19		
03S/12W-17F02S	1D8	0.00	31.54	0.00	43.95	11.31	29.61	0.00	32.07	0.99	34.36	0.00	0.00	183.83		
03S/12W-17F03S	1D9	25.37	0.00	33.60	0.00	31.71	0.00	32.79	0.00	30.31	0.00	25.16	0.00	178.94		
03S/12W-17F04S	1D10	0.00	30.35	0.00	36.12	0.00	27.31	0.00	30.33	0.99	33.91	0.00	30.54	189.55		
03S/12W-17F05S	1D11	20.75	0.00	21.34	0.00	0.00	0.00	10.29	0.00	31.64	0.00	13.33	0.00	97.35		
03S/12W-17F06S	1D12	0.00	31.93	0.00	40.58	23.38	27.44	0.00	31.12	0.00	33.40	0.00	20.95	208.80		
03S/12W-17F07S	1D13	11.79	0.00	13.57	0.00	0.00	0.00	20.41	0.00	0.00	0.00	14.47	0.00	60.24		
03S/12W-17G04S	2D1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-17H01S	2T1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-17H02S	2D2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PARTY TOTALS:			174.58		206.38		158.19		180.28		178.72		149.49			
		181.28		187.90		152.64		181.93		165.73		126.62		2043.74		
<b><u>CALIFORNIA WATER SERVICE CO</u></b>																
0740																
01S/12W-33P02S	3301	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-04C01S	2501	33.44	33.79	32.84	33.89	33.21	34.36	32.86	30.82	32.76	29.98	33.11	32.18	393.24		
02S/12W-05A01S	1502	0.00												0.00		
02S/12W-05J01S	5101	61.33	61.86	58.93	60.99	59.42	61.22	61.40	57.93	65.18	62.47	71.37	69.61	751.71		
02S/12W-05M01S	602	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-05P02S	702	11.24	0.00	0.00	0.00	1.05	10.82	64.35	69.06	74.34	69.11	75.13	70.90	446.00		
02S/12W-06P01S	4601	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-07C01S	2801	0.00	0.00	0.00										0.00		
02S/12W-07C02S	5301	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-07C03S	05201	34.87	34.44	32.81	34.55	33.21	34.27	33.84	30.92	33.67	31.62	32.94	31.66	398.80		
02S/12W-07G01S	3901	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-07H01S	2201	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

## CENTRAL BASIN

OCTOBER 2004

PRODUCTION - CENTRAL BASIN														
: STATE	: OWNERS	2003					2004					:	TOTAL	
: WELL	: DESIG-												:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
02S/12W-07Q04S	1003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-08C01S	3701	36.84	35.74	34.19	34.90	33.69	34.15	26.66	6.77	0.52	0.14	28.80	26.48	298.88
02S/12W-08F01S	4301	0.00	17.31E	17.17E	48.21	50.94E	53.41	47.19	62.60	58.92	57.68	55.45E	50.87E	519.75
02S/12W-08P01S	5401	105.00	103.31	99.03	79.59	100.62E	103.43E	96.56	70.94E	69.15E	80.62	87.46	83.55	1079.26
02S/12W-09M01S	2901	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-09M02S	2902	25.22	25.44	24.66	25.11	23.67	24.77	24.74	14.83	0.00	13.88	0.00	0.00	202.32
02S/12W-10J01S	1903	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-10K03S	1904	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-16H01S	5601	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-16L01S	3802	73.13	71.47	70.55	62.07	68.14	61.67	64.86	53.25	71.12	75.85	77.12	68.35	817.58
02S/12W-17C01S	2001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02S/12W-17D02S	1302	50.11	49.54	43.00	49.31	47.86	48.91	51.50	44.88	50.38	49.18	50.82	48.07	583.56
PARTY TOTALS:			432.90		428.62		467.01		442.00		470.53		481.67	
		431.18		413.18		451.81		503.96		456.04		512.20		5491.10
<u>CA WATER SERVICE CO (DOMINGUEZ)</u>														
0742														
03S/13W-35F01S	290-0	0.00	60.37	101.32	100.82	96.77	100.37	100.47	92.24	100.43	45.27	38.63	32.98	869.67
03S/13W-35H02S	297-0	46.78	44.88	42.51	38.46	35.59	23.57	44.75	34.48	9.34	48.17	45.43	40.71	454.67
03S/13W-35P01S	224-0	0.00	0.00	0.00	0.00									0.00
03S/13W-35Q05S	223-0	0.00	0.00	0.00	0.00									0.00
03S/13W-35Q06S	231-0	0.00	0.00	0.00	0.00									0.00
04S/13W-02G02S	272-0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTY TOTALS:			105.25		139.28		123.94		126.72		93.44		73.69	
		46.78		143.83		132.36		145.22		109.77		84.06		1324.34
<u>CENTRAL BASIN MUNICIPAL WATER DIS</u>														
0795														
02S/11W-07C05S	CB-2									10.41	15.94	13.34	19.35	59.04
02S/11W-07D10S	CB-1									14.31	12.28	14.07	16.05	56.71
PARTY TOTALS:			0.00		0.00		0.00		0.00		28.22		35.40	
		0.00		0.00		0.00		0.00		24.72		27.41		115.75
<u>CERRITOS, CITY OF</u>														
0826														
03S/11W-28G05S	C-2	360.35	356.15	292.96	363.08	363.99	345.55	325.74	384.25	413.13	394.00	400.76	379.12	4379.08
03S/11W-29N06S	C-1	272.33	270.97	249.33	162.23	269.50	259.91	264.89	255.87	270.18	260.19	264.24	248.85	3048.49
03S/12W-26J03S	C-4	322.63	330.37	300.99	302.43	363.89	305.13	272.31	0.00	0.00	0.09	331.78	391.62	2921.24
PARTY TOTALS:			957.49		827.74		910.59		640.12		654.28		1019.59	
		955.31		843.28		997.38		862.94		683.31		996.78		10348.81

## CENTRAL BASIN

OCTOBER 2004

			PRODUCTION - CENTRAL BASIN													
: STATE	: OWNERS	:	2003						2004						:	TOTAL
: WELL	: DESIG-	:													:	
: NUMBER	: NATION	:	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<u>COAST PACKING CO</u>																
0970																
02S/13W-11P03S	1		12.10	12.84	7.25	6.23	4.64	5.86	5.59	5.23	7.40	5.25	6.21	7.80	86.40	
<u>COMMERCE, CITY OF</u>																
1017																
02S/12W-21B05S	00006		64.56	61.24	45.01	62.22	54.51E	56.19	56.15	57.74E	59.09E	60.00E	60.15E	58.31E	695.17	
02S/12W-21G03S	00004		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-21J01S	3E		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-21K02S	3D		86.73	89.11	86.85	75.18	35.67	28.87	13.10	9.39	20.38	34.39	0.05	0.00	479.72	
02S/12W-21R02S	00007		0.00	0.00	6.34E	41.51E	93.97E	100.09E	95.68E	106.44	109.99E	113.56	116.68	118.40	902.66	
PARTY TOTALS:				150.35		178.91		185.15		173.57		207.95		176.71		
			151.29		138.20		184.15		164.93		189.46		176.88		2077.55	
<u>COMPTON, CITY OF</u>																
1020																
03S/13W-11M02S	00016		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-11M03S	00017		119.38	111.65	106.21	99.06	96.35	102.22	38.90	0.00	0.00	44.58E	128.62E	24.70E	871.67	
03S/13W-14F01S	00018		280.08	277.62	270.39	279.40	270.39	279.41E	279.40E	261.37E	279.40E	270.39E	279.40E	270.39E	3297.64	
03S/13W-15R01S	00002		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-22H02S	00001		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-22Q04S	00009		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-26C01S	00013		15.53	43.12	92.66	140.38	110.20	117.25	102.13	76.90	78.43	133.35	162.65	52.36	1124.96	
03S/13W-26M01S	00014		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-27E02S	00011		67.23	84.13	45.15	86.47	60.15	59.17	87.12	107.36	102.04	112.22	110.21	24.16	945.41	
03S/13W-27G01S	00015		53.86	0.00	0.00	19.82	69.42	47.91	88.89	68.44	79.64	72.99	78.99	33.09	613.05	
PARTY TOTALS:				516.52		625.13		605.96		514.07		633.53		404.70		
			536.08		514.41		606.51		596.44		539.51		759.87		6852.73	
<u>DARLING-DELAWARE CO, INC</u>																
1236																
02S/13W-10H03S	2778J		3.90	4.03	2.78	2.74	3.28	2.42	2.27	2.25	1.71	1.87	1.18	1.87	30.30	
<u>DOWNEY, CITY OF</u>																
1450																
02S/12W-27A05S	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-27H01S	2		73.79	72.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	185.60E	331.57	
02S/12W-27R02S	4		556.55	583.49	528.13	502.56	536.97	546.64	523.10	468.45	526.73	480.83	522.81	477.54	6253.80	
02S/12W-28J06S	7		91.84	91.41	83.53	80.84	75.67	70.27	71.56	61.48	76.68	70.10	84.83	78.60	936.81	
02S/12W-28Q01S	8		106.85	95.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.66	212.94	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													TOTAL
: STATE	: OWNERS	2003						2004						:	
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
02S/12W-33B01S	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
02S/12W-33M01S	17	46.41E	47.50E	50.66E	33.02E	26.70E	5.73E	17.04E	19.31E	34.20E	50.35E	67.10E	53.01E		451.03
02S/12W-34G01S	9	110.59	112.10	99.66	98.98	94.29	82.16	90.97	83.39	93.10	88.81	103.37	95.74		1153.16
02S/12W-34P01S	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37E	5.95E	1.21E		8.53
02S/12W-35D04S	5	64.85	61.30	56.57	52.28	53.90	50.19	48.28	7.36	3.40	47.01	53.53	47.85		546.52
02S/12W-35P01S	10	106.11	139.97	86.13	54.65	54.98	41.62	44.02	39.19	75.38	84.88	110.47	91.14		928.54
03S/12W-02H04S	12	25.34	28.61	17.97	0.00	0.00	0.00	0.00	0.00	0.00	19.88E	52.72E	54.63		199.15
03S/12W-02L01S	15	1.67	1.58	5.13	1.30	1.29	0.22	0.00	0.09	4.03	2.15	6.26	5.53		29.25
03S/12W-03F01S	11	211.98	221.32	203.85	193.78	164.04	191.79E	191.79E	179.40E	191.79E	195.10	239.52	201.74		2386.10
03S/12W-03J01S	16	75.80E	59.84E	59.60E	28.50E	23.86E	6.88E	12.90	14.06	41.67	57.97	90.68	21.58		493.34
03S/12W-03M01S	19	0.08	0.54	0.01	0.06	0.00	0.25	0.00	0.10	0.00	0.29	0.20	0.13		1.66
03S/12W-04D02S	18	84.28	69.84	67.60	63.51	3.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00		289.15
03S/12W-04Q02S	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
03S/12W-05A01S	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
03S/12W-09B01S	25	103.85	89.31	86.20	78.60	82.07	72.34	81.28	62.95	86.73	93.25	150.08	132.72		1119.38
03S/12W-09G01S	29	5.65	7.29	16.28	6.66	4.83	0.65	1.05	2.07	13.11	11.37	19.17	17.59		105.72
03S/12W-10N03S	30	0.55E	101.40E	159.09E	153.79E	1.33E	0.00	0.11	0.08	22.60	34.15	129.55	120.81E		723.46
03S/12W-11E01S	24	144.70	209.06	181.82	185.22	187.77	180.75	171.01	147.63	169.67	155.22	175.36	158.27		2066.48
PARTY TOTALS:			1992.17		1533.75		1249.49		1085.56		1392.73		1754.35		
		1810.89		1702.23		1311.62		1253.11		1339.09		1811.60			18236.59
<b><u>EL RANCHO UNIFIED SCHOOL DISTRICT</u></b>															
1550															
02S/12W-26J01S	MAGEE	4.85	9.40	6.65	0.06	0.06	0.01	0.01	0.01	0.01	0.01	0.03	0.43		21.53
02S/12W-36D01S	BIRNY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
PARTY TOTALS:			9.40		0.06		0.01		0.01		0.01		0.43		
		4.85		6.65		0.06		0.01		0.01		0.03			21.53
<b><u>FRAMPTON, WILLIAM H</u></b>															
1735															
03S/11W-30N02S	3	1.35E	1.50E	1.50E	1.25E	1.25E	1.90E	1.30E	1.00E	1.30E	1.25E	1.30E	1.40E		16.30
<b><u>HATHAWAY, JULIAN I &amp; HELEN M, TRUST</u></b>															
2206															
03S/11W-06N02S	SOUTH	0.15	0.15	0.16	0.18	0.11	0.05	0.09	0.06	0.10	0.10	0.17	0.17		1.49
<b><u>HUNTINGTON PARK, CITY OF</u></b>															
2378															
02S/13W-22P02S	15	13.29	5.50	0.90	31.56	19.39	5.40	7.13	0.00	0.11	0.00	0.63	0.01		83.92
02S/13W-23D06S	17	159.89	140.65E	130.27	19.00	31.85	2.49	48.88	86.40	141.07	123.88	136.53	137.73		1158.64
02S/13W-23H01S	14	18.08	7.90	17.01	35.34	22.73	42.05	24.43	17.31	10.46	12.81	18.64	10.86		237.62
02S/13W-23J02S	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
: STATE	: OWNERS	2003						2004						: TOTAL	
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
02S/13W-23J04S	18	0.10	0.00	0.00	0.09	0.00	0.18	0.00	0.00	0.15	0.00	0.00	0.21	0.73	
02S/13W-25D04S	16	90.73	83.10	33.15	126.82	92.01	108.72	96.50	53.61	33.18	57.87	78.41	81.77	935.87	
02S/13W-25Q01S	12	106.54	140.84	130.89	128.31	123.73	108.82	105.74	123.99	142.05	136.21	148.56	134.38	1530.06	
PARTY TOTALS:			377.99		341.12		267.66		281.31		330.77		364.96		
		388.63		312.22		289.71		282.68		327.02		382.77		3946.84	
<u>INGLEWOOD PARK CEMETERY</u>															
2440															
02S/14W-22P03S	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<u>JEFFERSON SMURFIT CORP (U S)</u>															
2482															
02S/13W-15P01S	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-15P10S	8	44.31	17.93	0.00	2.63	1.46	0.00	0.03	0.00	0.00	0.00	0.00	0.00	66.36	
02S/13W-15P11S	9	12.31	67.98	91.98	152.11	39.24	39.99	37.06	34.35	37.60	35.98	32.68	35.03	616.31	
PARTY TOTALS:			85.91		154.74		39.99		34.35		35.98		35.03		
		56.62		91.98		40.70		37.09		37.60		32.68		682.67	
<u>KING KELLY MARMALADE CO, INC</u>															
2624															
03S/12W-35A06S	2	0.89	0.17	0.00	0.00	0.11	1.01	1.24	0.85	1.34	1.74	0.55	0.40	8.30	
<u>LA HABRA HEIGHTS COUNTY WTR DIST</u>															
2749															
02S/11W-19F01S	8	5.90E	14.84E	0.69E	0.32E	2.61E	1.09E	0.21E	1.75E	6.49E	6.49E	2.85E	6.23E	49.47	
02S/11W-19F03S	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
02S/11W-19M01S	9	30.34E	35.72E	8.36E	4.09E	1.86E	2.40E	0.48E	1.99E	5.13E	7.74E	24.28E	8.94E	131.33	
02S/11W-19M04S	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	
02S/11W-19P02S	10	92.92E	96.78E	57.57E	47.83E	33.86E	42.76E	134.46E	34.88E	28.60E	40.99E	68.30E	11.71E	690.66	
02S/11W-19P03S	11	193.63E	191.32E	142.80E	153.42E	132.17E	107.55E	30.50E	90.11E	130.65E	146.41E	207.39E	79.99E	1605.94	
PARTY TOTALS:			338.66		205.66		153.80		128.73		201.63		106.87		
		322.79		209.42		170.50		165.65		170.87		302.82		2477.40	
<u>LAKEWOOD, CITY OF</u>															
2770															
03S/12W-33A07S	LK02A	59.85	56.33	55.30	34.15	45.47	46.94	48.63	43.11	48.84	50.23	58.87	61.01	608.73	
03S/12W-33H04S	LK03A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-33R01S	LK011	0.00	0.00	0.00										0.00	
03S/12W-33R04S	LK11A	0.03	0.09	0.09	0.06	0.10	0.19	0.02	0.07	0.02	0.12	0.05	35.38	36.22	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
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: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
03S/12W-34F01S	LK018	100.70	115.76	83.57	90.26	87.35	102.16	93.27	92.11	94.69	95.42	123.77	110.61	1189.67	
04S/11W-07M01S	LK006	3.63	3.63	3.39	2.01	2.00	1.89	0.81	0.94	1.64	2.24	4.52	4.01	30.71	
04S/12W-02F02S	13-A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-03A02S	LK015	106.31	104.00	77.61	66.66	46.06	38.41	44.06	44.56	67.56	64.08	114.21	123.65	897.17	
04S/12W-03E01S	LK023	0.02	0.05	0.08	0.02	0.03	0.05	0.04	0.04	0.08	0.01	0.01	0.02	0.45	
04S/12W-03H01S	LK017	121.61	114.37	97.29	84.04	80.24	72.48	66.40	47.84	117.96	124.25	69.78	0.00	996.26	
04S/12W-04J03S	LK012	66.44	65.16	62.59	64.54	62.89	62.66	65.66	61.63	1.82	37.08	65.49	61.59	677.55	
04S/12W-05J01S	LK022	231.50	258.26	256.17	265.32	154.36	117.98	126.87	117.21	126.58	130.98	178.27	171.64	2135.14	
04S/12W-10G01S	LKT04	71.77	75.50	74.40	66.38	43.37	48.95	40.17	32.58	57.43	61.55	79.33	89.09	740.52	
04S/12W-10H01S	LK010	2.50	28.30	11.34	12.77	20.26	17.76	19.54	20.06	31.82	37.14	53.84	59.31	314.64	
04S/12W-10H03S	LK008	60.86	44.51	40.65	26.67	22.66	20.78	24.80	23.18	31.81	41.41	57.62	60.88	455.83	
04S/12W-10J02S	LK014	89.16	87.26	81.37	84.00	81.33	78.84	89.75	70.21	80.86	84.51	86.15	81.56	995.00	
04S/12W-11B03S	LK016	46.21	41.47	35.63	19.66	27.44	18.38	23.92	16.26	36.42	30.04	49.22	41.14	385.79	
PARTY TOTALS:			994.69		816.54		627.47		569.80		759.06		899.89		
		960.59		879.48		673.56		643.94		697.53		941.13		9463.68	
<u>LINCOLN MEMORIAL PARK, INC</u>															
2884															
03S/13W-28F01S		10.00	2.87	7.49	3.41	0.48	0.00	0.78E	1.88E	0.85	2.96	7.50	6.55	44.77	
<u>LITTLE LAKE CEMETERY DISTRICT</u>															
2890															
03S/11W-06N01S	1	1.69	1.32	1.54	1.47	0.64	0.01	0.00	0.01	0.00	0.00	1.86	3.48	12.02	
<u>LONG BEACH, CITY OF</u>															
2910															
04S/12W-06J01S	NLB08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-06J02S	NLB11	17.77	76.56	92.10E	33.27	0.00	0.00	30.16	17.03	14.32	0.00	0.00	0.00	281.21	
04S/12W-06K01S	NLB04	114.90	104.44	65.72	25.11	0.00	103.45	87.60	0.03	0.00	0.00	0.00	0.00	501.25	
04S/12W-06K02S	NLB09	58.31	74.85	50.91E	50.10	0.00	114.61	96.80	120.42	4.45	0.00	0.00	108.12	678.57	
04S/12W-06K04S	NLB05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-08M01S	NLB12	55.62	0.00	229.30E	75.66E	0.00	0.00	0.00	0.15	0.00	0.00	353.11	336.09	1049.93	
04S/12W-13B04S	COM19	203.49	132.93	0.00	56.19	0.00	0.00	25.22	0.00	0.00	151.49	220.85	230.44	1020.61	
04S/12W-13C03S	COM6A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-13F02S	COM21	0.00	188.96	248.03	77.23	0.00	129.09	205.22	235.57	206.35	63.78	0.00	0.00	1354.23	
04S/12W-13G01S	01017	23.34	10.28	22.42	13.14	4.84	2.39	2.37	0.00	0.00	15.63	22.53	24.49	141.43	
04S/12W-13H01S	COM20	286.22	257.73	280.05	55.60	0.00	0.00	0.00	262.02	28.61	70.51	129.03	63.70	1433.47	
04S/12W-13J02S	1017B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-13K01S	COM22	188.90	103.13	357.67	50.23	130.71	345.05	186.59	63.64	0.00	0.00	334.38	411.50E	2171.80	
04S/12W-13N02S	COM13	81.09	62.11	0.00	0.00	0.00	0.00	55.45	0.00	46.29	0.00	6.02	79.50	330.46	
04S/12W-13Q01S	COM23	0.00	161.85	209.22	20.61	0.00	0.00	21.35	0.00	48.27	0.00	0.00	186.35	647.65	
04S/12W-14A02S	COM10	119.78	106.35	44.38	44.26	15.29	0.00	36.77	20.44	20.40	123.40	109.83	124.92	765.82	
04S/12W-14A04S	COM18	128.17	116.62	129.97	140.44	144.49	158.40	115.03	144.29	140.75	137.73	118.22	126.66	1600.77	

## CENTRAL BASIN

OCTOBER 2004

PRODUCTION - CENTRAL BASIN															
: STATE :	OWNERS :	2003							2004						: TOTAL
: WELL :	DESIG- :	:													
: NUMBER :	NATION :	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	:	
04S/12W-14B02S	COM17	4.49	106.59	137.37	41.78	63.04	147.84	111.57	0.00	0.00	0.00	0.00	0.00	612.68	
04S/12W-14D04S	COM14	90.75	72.32	0.00	0.00	101.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	264.51	
04S/12W-14K01S	AN206	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-14R01S	AN205	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-15A01S	COM16	153.27	154.51	175.04	51.13	0.00	0.00	0.00	0.00	0.00	0.28	0.00	0.00	534.23	
04S/12W-15B03S	COM15	261.57	0.00	0.00	0.00	126.18	21.79	190.79	264.99E	315.35	49.47	293.10	331.54	1854.78	
04S/12W-16J01S	AN026	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-16J03S	CIT09	38.66	53.91	49.80	18.57E	0.00	0.00	0.00	0.11	0.00	53.08	4.83	0.00	218.96	
04S/12W-16R01S	CIT08	43.75	42.80	45.42	8.20	0.00	0.00	14.26	7.93	40.71	52.24	43.96	43.92	343.19	
04S/12W-17E01S	DEV09	150.81	0.00	0.00	0.00	130.19	256.31	211.48	0.37	0.00	0.00	97.69	283.31	1130.16	
04S/12W-17Q01S	DEV04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-20G01S	DEV05	61.98	30.53	38.52	4.31	34.04	0.00	43.02	24.28	0.00	0.00	121.26	136.33	494.27	
04S/12W-20K01S	CIT10	145.07	0.00	187.13	77.97	0.00	0.00	0.00	0.58	0.00	0.00	41.86	0.00	452.61	
04S/12W-21M07S	CIT7A	143.51	0.00	0.00	77.92	0.00	0.00	0.00	0.47	0.00	0.00	0.00	277.33	499.23	
04S/12W-23C01S	WIL1A	5.17	101.72	109.55	54.82	0.00	0.00	41.83	24.95	0.00	0.00	14.50	0.00	352.54	
04S/12W-23K03S	AN201	111.58	110.06	123.60	22.90	0.00	0.00	38.87	21.19	2.68	103.04	4.80	0.00	538.72	
04S/12W-24J01S	LBTFW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-24M08S	WIS1A	44.01	64.84	67.06	7.56	25.35	69.11	38.15	68.32	1.52	0.00	8.27	0.00	394.19	
04S/12W-25E01S	AN204	0.00	0.00	6.18	1.27	0.00	6.60	8.92	0.00	0.00	1.83	2.50	4.46	31.76	
04S/12W-28H01S	ALA 9	73.41	110.48	73.84	55.34	0.00	0.00	50.01	26.91	0.00	0.00	0.00	0.00	389.99	
04S/12W-28H06S	ALA 8	127.32	143.97	60.68	0.00	38.09	0.00	0.00	0.26	0.00	0.00	0.00	151.89	522.21	
04S/12W-28H12S	ALA13	89.03	89.20	57.54	35.27	0.00	0.00	28.87	20.76	0.00	0.00	95.52	104.78	520.97	
04S/12W-34B02S	TEST1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/13W-12E01S	NLB10	3.13	2.67	5.55	3.58	3.69	2.14	2.14	1.39	2.21	4.98	4.43	4.52	40.43	
PARTY TOTALS:		2825.10	2479.41	2867.05	1102.46	817.35	1356.78	1642.47	1326.10	871.91	827.46	2026.69	3029.85	21172.63	
<u>LOS ANGELES, CITY OF</u>															
2920															
02S/13W-32R08S	MM3	0.00	0.00	305.53	283.75	378.12	361.18	419.67	450.67	275.53	0.00	54.18	127.11	2655.74	
02S/13W-32R11S	1445N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-32R12S	1445M	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-32R13S	1445Q	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-32R15S	1445R	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-32R16S	1445S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/14W-23H14S	1381L	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/14W-23H17S	1391E	842.84	820.82	955.05	1031.91	965.91	881.61	982.02	950.73	874.22	919.88	950.21	960.03	11135.23	
03S/13W-05F01S	MM2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PARTY TOTALS:		842.84	820.82	1260.58	1315.66	1344.03	1242.79	1401.69	1401.40	1149.75	919.88	1004.39	1087.14	13790.97	
<u>LOS ANGELES COUNTY LAKEWOOD GOLF</u>															
2929															
04S/12W-08R01S	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN														
: STATE	: OWNERS	2003				2004								:	TOTAL	
: WELL	: DESIG-													:		
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
<u>LOS ANGELES COUNTY RAN LOS AMIGOS</u>																
2930																
03S/12W-05P01S	DW002	0.00	0.00	0.00	0.00	0.00	6.23	17.72	14.14	16.01	17.15	19.83	17.61	108.69		
03S/12W-05P03S	DW001	49.53	34.29	38.28	31.63	20.13	24.15	16.06	9.89	11.76	15.86	17.95	16.23	285.76		
03S/12W-08F01S	PH003	4.04	6.60	3.23	3.39	0.23	0.15	1.98	0.43	0.83	1.87	3.47	4.20	30.42		
PARTY TOTALS:			40.89		35.02		30.53		24.46		34.88		38.04			
		53.57		41.51		20.36		35.76		28.60		41.25		424.87		
<u>LOS ANGELES PAPER BOX &amp; BRD MILLS</u>																
2970																
02S/12W-20L02S	NEW	9.24	20.64	21.51	26.05	18.70	14.16	19.39	15.91	14.04	14.55	24.63	18.46	217.28		
<u>LUNDAY-THAGARD OIL CO</u>																
3010																
03S/12W-05D05S	SLY	9.18	9.09	9.05	10.28	10.27	10.82	7.52	8.87	11.50	7.82	8.18	7.15	109.73		
<u>LYNWOOD, CITY OF</u>																
3060																
03S/12W-07C04S	0015A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-18D07S	0017A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-02Q01S	00003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-03R01S	00004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-10K01S	00019	248.95	249.78	229.81	213.88	66.20	149.50	208.45	255.12	202.28	217.59	203.87	248.97	2494.40		
03S/13W-11C01S	00006	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-11E01S	00011	127.01	126.27	119.31	96.82	4.55	0.41	1.55	53.19	110.27	118.13	110.21	133.37	1001.09		
03S/13W-12E04S	00008	76.43	114.18	100.42	80.75	78.05	32.66	35.36	80.39	42.80	74.39	58.20	65.51	839.14		
03S/13W-12J01S	00005	88.95	91.54	83.82	69.84	75.39	79.20	70.77	51.74	58.95	62.22	68.24	88.58	889.24		
03S/13W-12P01S	00020	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-12Q03S	00007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-13D01S	00009	5.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.17		
PARTY TOTALS:			581.77		461.29		261.77		440.44		472.33		536.43			
		546.51		533.36		224.19		316.13		414.30		440.52		5229.04		
<u>LYNWOOD PARK MUTUAL WATER CO</u>																
3080																
03S/13W-10R08S	NW25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/13W-10R09S	SOUTH	17.42	14.06	19.56	17.89	13.97	13.94	2.82	0.34	12.38	12.83	21.33	9.71	156.25		
03S/13W-15H01S	MONA	6.81	3.22	1.86	2.83	1.24	0.47	14.28	20.17	3.70	5.29	0.67	4.32	64.86		
PARTY TOTALS:			17.28		20.72		14.41		20.51		18.12		14.03			
		24.23		21.42		15.21		17.10		16.08		22.00		221.11		

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
: STATE	: OWNERS	2003						2004						:	TOTAL
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>MAYWOOD MUTUAL WATER CO NO 1</u></b>															
3170															
02S/13W-24B02S	00004	47.17	54.32	43.92	45.57	48.03	60.87	54.20	34.20	34.49	60.73	68.34	62.48		614.32
02S/13W-24F01S	00003	25.86	25.12	20.20	21.68	8.03	0.00	10.58	18.42	11.54	0.00	0.00	0.00		141.43
PARTY TOTALS:			79.44		67.25		60.87		52.62		60.73		62.48		
		73.03		64.12		56.06		64.78		46.03		68.34			755.75
<b><u>MAYWOOD MUTUAL WATER CO NO 2</u></b>															
3180															
02S/12W-18M01S	52ST	41.30	48.17	49.46	23.91	32.05	29.28	36.84	41.31	44.02	45.80	73.29	25.40		490.83
02S/13W-13M02S	MAYAV	37.63	30.70	31.87	0.00	0.00	0.00	20.42	42.54	58.61	56.13	40.87	87.34		406.11
PARTY TOTALS:			78.87		23.91		29.28		83.85		101.93		112.74		
		78.93		81.33		32.05		57.26		102.63		114.16			896.94
<b><u>MAYWOOD MUTUAL WATER CO NO 3</u></b>															
3190															
02S/12W-19C01S	57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
02S/12W-19J03S	DIST4	94.90	103.44	96.13	76.00	58.54	56.63	55.69	8.15	5.26	56.85	65.31	85.85		762.75
02S/12W-19M03S	PROS	79.97	77.89	94.78	54.61	64.03	64.44	59.08	10.98	1.26	45.00	70.95	79.77E		702.76
PARTY TOTALS:			181.33		130.61		121.07		19.13		101.85		165.62		
		174.87		190.91		122.57		114.77		6.52		136.26			1465.51
<b><u>MIDLAND PARK WATER TRUST</u></b>															
3250															
03S/13W-14K01S		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
<b><u>MONTEBELLO, CITY OF</u></b>															
3351															
02S/12W-22J02S	MONT1	34.52	36.05	34.62	37.63	30.19	28.97	29.88	28.48	29.93E	23.37	29.80	27.59		371.03
<b><u>MONTEBELLO LAND AND WATER CO</u></b>															
3360															
02S/11W-11G01S	00014	89.30	96.77	95.66	78.04	79.26	58.83	68.22	61.50	68.84	70.85	77.62	0.00		844.89
02S/12W-11R04S	0011A	51.57	61.26	53.13	49.25	51.18	36.32	47.35	40.68	29.93	35.96	48.37	57.52		562.52
02S/12W-12E05S	00009	41.47	53.33	54.92	38.23	41.44	35.28	43.18	35.09	4.55	43.65	45.62	55.83		492.59
02S/12W-12E06S	00010	50.38	64.35	55.45	27.32	0.00	34.10	45.82	28.70	44.04	34.53	55.33	57.58		497.60
02S/12W-12E07S	0008A	54.75	16.63	21.99	34.94	47.63	35.35	47.70	34.61	51.21	38.54	40.03	56.88		480.26
02S/12W-12E08S	00012	50.40	63.02	54.41	51.22	31.83	30.68	0.00	9.19	47.99	32.57	51.43	61.82		484.56
02S/12W-12M02S	00007	44.88	54.04	14.71	43.53	39.03	32.92	44.85	37.72	38.29	37.14	43.66	55.06		485.83

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN														
: STATE	: OWNERS	2003										2004			:	TOTAL
: WELL	: DESIG-														:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
PARTY TOTALS:		382.75	409.40	350.27	322.53	290.37	263.48	297.12	247.49	284.85	293.24	362.06	344.69	3848.25		
<u>NEWARK GROUP INDUSTRIES, INC</u>																
3517																
02S/12W-20E01S	1	42.03	39.71	37.90	35.90	35.70	34.56	32.92	35.26	36.38	35.38	33.79	31.51	431.04		
02S/12W-20M02S	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PARTY TOTALS:		42.03	39.71	37.90	35.90	35.70	34.56	32.92	35.26	36.38	35.38	33.79	31.51	431.04		
<u>NORWALK, CITY OF</u>																
3550																
03S/11W-18M02S	00008	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.20	0.00	0.00	0.00	3.10	3.64		
03S/12W-13L01S	LEF	1.29	1.03	2.96	0.86	4.45	0.30	0.43	1.78	2.29	1.00	2.36	0.91	19.66		
03S/12W-13Q01S	TAD	54.32	55.53	48.54	47.41	35.98	39.58	40.46	35.05	39.93	41.88	50.49	50.42	539.59		
PARTY TOTALS:		55.61	56.56	51.50	48.27	40.43	39.88	41.23	37.03	42.22	42.88	52.85	54.43	562.89		
<u>ORCHARD DALE WATER DISTRICT</u>																
3640																
02S/11W-19F01S	8	2.13E	5.16E	0.31E	0.14E	1.12E	0.41E	0.07E	0.73E	2.67E	3.33E	1.32E	6.57E	23.96		
02S/11W-19F03S	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00		
02S/11W-19M01S	9	10.95E	12.43E	3.70E	1.84E	0.79E	0.89E	0.18E	0.84E	2.12E	3.97E	11.23E	9.43E	58.37		
02S/11W-19M04S	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00		
02S/11W-19P02S	10	33.56E	33.68E	25.43E	21.60E	14.46E	15.93E	48.56E	14.68E	11.80E	20.99E	31.58E	12.37E	284.64		
02S/11W-19P03S	11	69.92E	66.59E	63.08E	69.28E	56.45E	40.06E	11.02E	37.92E	53.89E	74.98E	95.90E	84.43E	723.52		
PARTY TOTALS:		116.56	117.86	92.52	92.86	72.82	57.29	59.83	54.17	70.48	103.27	140.03	112.80	1090.49		
<u>PABCO BUILDING PRODUCTS, LLC</u>																
3705																
02S/13W-10Q08S	00012	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
02S/13W-15B04S	00009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PARTY TOTALS:		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
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<u>PARADISE MEMORIAL PARK</u>															
3745															
03S/12W-01K09S	1	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.08E	0.96	
<u>PARAMOUNT, CITY OF</u>															
3755															
03S/12W-20F08S	13	179.38	327.71	347.77	291.07	256.18	263.54	0.21	285.81	297.08	334.78	272.61	73.90	2930.04	
03S/12W-28D01S	14	141.86	192.04	85.69	217.35	306.35	270.77	373.45	79.11	285.14	248.60	298.48	89.33	2588.17	
PARTY TOTALS:			519.75		508.42		534.31		364.92		583.38		163.23		
		321.24		433.46		562.53		373.66		582.22		571.09		5518.21	
<u>PARAMOUNT UNIFIED SCHOOL DISTRICT</u>															
3760															
03S/12W-33F02S	COKE	0.01	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02	0.01	0.04	0.03	0.21	
<u>PARK WATER CO</u>															
3780															
03S/11W-19E02S	29K	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/11W-19Q01S	29H	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.37	
03S/12W-11K06S	41A	61.20	51.20	53.34	19.96	14.43	9.08	16.55	12.28	21.28	76.17	91.66	86.93	514.08	
03S/12W-14F01S	28B	16.75	8.59	23.43	4.11	2.35	6.20	8.73	4.57	12.66	13.90	9.65	23.81	134.75	
03S/12W-14J01S	46C	41.58	15.54	24.33	1.34	0.05	0.15	5.72	18.16	17.04	42.86	27.21	43.76	237.74	
03S/12W-16H01S	40D	33.57	20.09	33.72	10.60	2.36	5.39	7.19	10.10	18.78	27.79	41.87	53.40	264.86	
03S/12W-22A01S	40B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-24K01S	6E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-13F04S	4B	17.54	13.36	15.06	9.73	4.66	5.29	8.81	5.74	9.36	20.16	16.68	14.61	141.00	
03S/13W-16K01S	12B	0.10	0.08	0.08	0.09	0.07	0.11	0.08	0.07	0.11	0.33	0.08	0.10	1.30	
03S/13W-21B01S	13C	15.43	11.93	16.05	6.43E	3.46	7.33	10.85	9.91	17.10	25.42	8.97	14.60	147.48	
03S/13W-21C06S	13B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-25F04S	9D	0.02E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
PARTY TOTALS:			120.79		52.26		33.55		60.83		207.00		237.21		
		186.19		166.01		27.38		57.93		96.33		196.12		1441.60	
<u>PEERLESS WATER CO</u>															
3800															
03S/12W-14F02S	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-14P01S	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15K02S	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-15L01S	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

## CENTRAL BASIN

OCTOBER 2004

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03S/12W-22C03S	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-22G04S	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-22G05S	1A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-23M02S	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-23P02S	8	13.26	12.58	12.50	10.93	9.12	7.98	8.60	8.65	9.23	9.85	13.17	11.67	127.54		
03S/12W-28C01S	3	11.31	12.38	9.83	10.56	9.51	8.22	9.41	9.62	9.32	8.43	10.21	9.29E	118.09		
03S/12W-28F02S	2	5.51	5.88	4.18	4.04	2.68	3.05	2.45	2.28	2.77	3.70	5.49	4.71	46.74		
03S/12W-35C02S	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-35F02S	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-35F03S	17	14.45	13.59	13.66	12.03	10.32	8.77	9.03	9.22	9.91	11.43	14.56	13.00	139.97		
PARTY TOTALS:			44.43		37.56		28.02		29.77		33.41		38.67			
		44.53		40.17		31.63		29.49		31.23		43.43		432.34		
<u>PICO WATER DISTRICT</u>																
3850																
02S/11W-07M04S	7	78.02	95.84	83.04	70.50	77.14	92.75	108.35	87.51	108.61	108.62	103.51	121.97	1135.86		
02S/11W-07P02S	10	146.13	135.55	129.58	134.61	110.63	124.98	125.54	121.16	137.90	136.18	138.12	132.80	1573.18		
02S/11W-18B08S	4A	88.88	87.40	63.52	47.61	49.25	11.64	19.06	13.22	13.83	22.65	46.72	21.25	485.03		
02S/11W-18C03S	2	6.00	2.37	4.74	7.06	6.82	2.65	0.06	2.67	0.32	0.01	5.39	1.81	39.90		
02S/12W-12Q01S	9A	0.19	0.00	0.24	0.14	0.30	0.34	0.24	0.18	0.28	0.25	0.23	0.05	2.44		
02S/12W-13L05S	8	4.69	11.90	18.34	27.51	3.82	34.78	17.05	10.48	14.97	9.86	42.99	42.01	238.40		
02S/12W-24E07S	5A	64.01	62.70	57.61	57.22	25.77	2.07	7.70	9.99	16.51	23.06	31.55	44.08	402.27		
02S/12W-25E10S	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PARTY TOTALS:			395.76		344.65		269.21		245.21		300.63		363.97			
		387.92		357.07		273.73		278.00		292.42		368.51		3877.08		
<u>PICO RIVERA, CITY OF</u>																
3853																
02S/11W-05P01S	GOLF1	7.61E	7.61E	7.61E	7.16E	5.00E	5.00E	5.00E	5.00E	5.00E	5.00E	5.00E	5.00E	69.99		
02S/12W-12A01S	W1	0.00	58.04E	58.04E	62.00E	102.97E	126.87	114.53	105.04	70.25	0.00	0.00	0.00	697.74		
02S/12W-12A05S	W2	292.67E	237.21E	231.21E	280.59E	190.00E	156.68E	143.29	143.07	231.70	244.86	167.13	0.00	2318.41		
02S/12W-23B04S	W3	195.54	218.08	156.03	100.53	92.14	80.90E	54.04	59.70	19.93	23.34	21.28E	71.89	1093.40		
02S/12W-23B08S	W4	0.00	3.07	2.16	22.07	15.97	0.00	0.00	0.00	4.40E	43.42	59.35E	140.15E	290.59		
02S/12W-25E13S	W10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
02S/12W-25G01S	W12	0.00	0.00	0.01	23.42	1.05E	31.53E	68.05	0.00	0.00	4.51	136.94	130.56	396.07		
02S/12W-25G02S	W11	19.43	58.14E	58.13E	59.00E	59.00E	0.01	7.02	0.00	21.58	24.79	2.99	0.91	311.00		
02S/12W-25M01S	W9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
02S/12W-26D07S	W5	0.84	0.01	1.86	0.97	0.06E	0.00	0.06	36.70	76.34	8.20	12.06	13.16	150.26		
02S/12W-26E03S	W6	8.80	6.99	0.85	18.63	0.01	0.22E	0.56	0.00	0.56E	0.09	0.12	0.41	37.24		
02S/12W-26Q01S	W7	0.33	0.05	0.04	0.04	0.00	0.13E	0.09	0.04	0.00	0.01	0.00	0.00	0.73		
02S/12W-36M06S	W8	0.82	0.00	0.82	12.31	2.10E	0.00	0.01	0.01	0.01	0.01	0.01	0.01	16.11		
PARTY TOTALS:			589.20		586.72		401.34		349.56		354.23		362.09			
		526.04		516.76		468.30		392.65		429.77		404.88		5381.54		

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
: STATE	: OWNERS	2003						2004						: TOTAL	
: WELL	: DESIG-														
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<u>ROCKVIEW DAIRIES, INC</u>															
4115															
03S/12W-05C08S	NEW2	8.81	9.26	9.46	11.54	5.32	0.00	3.66	4.52	9.86	9.97	11.62	10.95	94.97	
<u>ROCKY MOUNTAIN INDUSTRIES, INC</u>															
4116															
03S/11W-06C03S	1	3.44	4.24	3.41	2.35	0.00								13.44	
<u>ROMAN CATHOLIC ARCHBISHOP OF L A</u>															
4150															
02S/12W-06K08S	YARD	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.53	3.79	0.24	4.63	
02S/12W-06L01S	PKLOT	36.39	56.72	24.01	21.66	14.81	3.90	13.66	7.46	20.72	28.41	44.22	35.92	307.88	
03S/11W-31N03S	HFPAR	0.85	1.26	0.77	0.94	0.44	0.63	0.70	0.86	0.75	0.84	1.14	1.16	10.34	
PARTY TOTALS:			57.98		22.60		4.53		8.32		29.78		37.32		
		37.25		24.78		15.31		14.36		21.47		49.15		322.85	
<u>ST JOHN BOSCO SCHOOL</u>															
4300															
03S/12W-15K03S	15HP	10.72	8.69	9.87	5.21	2.50	2.16	2.11	0.06	1.53	8.95	9.30	10.32	71.42	
<u>SAN GABRIEL VALLEY WATER CO</u>															
4330															
02S/11W-18Q01S	W1C	0.00	1.72	2.55	0.56	0.40	1.01	0.68	0.36	0.86	0.51	0.64	17.65	26.94	
02S/11W-18Q07S	W1E	87.32	10.38	21.97	16.03	7.08	11.99	7.28	4.41	4.91	25.28	128.38	130.35	455.38	
02S/11W-19F07S	W6C	8.11	0.63	1.05	0.67	0.66	1.17	0.67	0.81	0.86	2.95	0.72	0.50	18.80	
02S/11W-19F08S	W6D	248.23	289.20	307.55	50.48	4.19	1.90	0.41	0.11	3.82	31.24	171.98	153.60	1262.71	
02S/12W-01R01S	M2A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-01R02S	M2B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PARTY TOTALS:			301.93		67.74		16.07		5.69		59.98		302.10		
		343.66		333.12		12.33		9.04		10.45		301.72		1763.83	
<u>SANTA FE SPRINGS, CITY OF</u>															
4335															
02S/11W-30R03S	1	154.78	154.64	146.00	147.11	137.66	140.48	141.03	130.90	146.14	141.91	149.91	144.51	1735.07	
03S/11W-06D03S	4	0.00	0.00	0.46	0.02	0.00	0.05	0.00	0.00	0.09	0.00	0.00	0.16	0.78	
03S/11W-20R09S	2	220.63	218.15	212.99	213.14	177.40	171.90	156.50	167.54	197.60	204.86	145.50	30.29	2116.50	
03S/12W-01F08S	309W2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PARTY TOTALS:			372.79		360.27		312.43		298.44		346.77		174.96		

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													
: STATE	: OWNERS	2003						2004						:	TOTAL
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
		375.41		359.45		315.06		297.53		343.83		295.41		3852.35	
<u>SATIVA L A COUNTY WATER DISTRICT</u>															
4345															
03S/13W-15C02S	00004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-15G01S	00003	24.25	29.45	23.10	20.15	17.07	25.93	11.39	15.71	18.40	5.92	0.00	0.00	191.37	
03S/13W-15M04S	00002	17.70	12.98	11.61	10.71	6.26	25.23	11.88	16.54	35.91	18.44	21.82	30.78	219.86	
03S/13W-15M05S	00005	39.69	32.39	39.00	35.49	26.63	11.47	37.47	22.03	10.24	46.92	46.59	48.95	396.87	
PARTY TOTALS:			74.82		66.35		62.63		54.28		71.28		79.73		
		81.64		73.71		49.96		60.74		64.55		68.41		808.10	
<u>SIGNAL HILL, CITY OF</u>															
4450															
03S/12W-31B01S	7	82.61	69.63	61.37	98.22	87.08	88.86	92.12	82.98	85.55	100.66	102.39	91.83	1043.30	
03S/12W-31J02S	8	77.99	35.54	58.05	91.41	84.55	86.76	90.55	11.63	0.00	0.00	27.50	138.51	702.49	
PARTY TOTALS:			105.17		189.63		175.62		94.61		100.66		230.34		
		160.60		119.42		171.63		182.67		85.55		129.89		1745.79	
<u>SOUTH MONTEBELLO IRRIGATION DIST</u>															
4540															
02S/12W-13D07S	00005	27.99	20.71	21.74	18.02	13.14	10.51	9.47	11.40	11.96	26.12	30.63	26.17	227.86	
02S/12W-14B02S	00001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-14B07S	00002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-14B08S	00003	53.23	46.69	42.24	36.29	37.70	43.01	43.17	21.82	11.45	34.33	43.95	52.72	466.60	
02S/12W-15J04S	00006	36.66	38.11	40.80	38.39	55.72	50.35	49.16	47.84	40.90	24.53	47.08	33.29	502.83	
02S/12W-22G02S	00007	86.34	95.83	79.67	82.72	33.60	33.77	37.37	43.36	79.97	69.02	60.46	71.33	773.44	
PARTY TOTALS:			201.34		175.42		137.64		124.42		154.00		183.51		
		204.22		184.45		140.16		139.17		144.28		182.12		1970.73	
<u>SOUTHERN CALIFORNIA EDISON CO</u>															
4549															
02S/12W-21N04S	LBSUB	0.05	0.41	0.06	0.85	0.01	0.12	0.11	0.05	0.16	0.66	0.88	0.68	4.04	
02S/12W-32B02S	KGARF	0.65	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.39	0.43	0.34	2.67	
03S/12W-07B05S	NKIMP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-11A06S	SCED1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-11B07S	CESUB	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
03S/12W-19G02S	ABILA	5.49	5.80	5.88	2.26	2.82	2.70	1.82	2.79	3.33	3.07	3.63	0.02	39.61	
03S/12W-29K01S	PAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-30K02S	LHSUB	2.62	3.84	3.51	3.42	2.50	2.11	2.78	1.00	1.35	1.95	3.28	2.18	30.54	
03S/12W-30L02S	ISHIB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-25K01S	DEMED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-25K02S	DEMHO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-26H02S	DEMDZ	3.50	4.01	4.08	1.71	1.86	1.67	0.96	0.95	0.52	1.83	2.85	3.49	27.43	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN													TOTAL
: STATE	: OWNERS	2003							2004						:
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
03S/13W-36C02S	DEMED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/13W-36N02S	RIVER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00E	100.00	
04S/12W-01P04S	DASUB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
04S/12W-25K03S	DEMT2	5.64	6.16	5.26	3.22	0.76	1.78	1.61	2.30	3.27	7.44	6.10	6.00	49.54	
04S/13W-02J05S	SCOTT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50E	5.50	
PARTY TOTALS:		17.95	20.97	18.79	11.46	7.95	8.38	7.28	7.09	8.76	15.34	17.17	118.21	259.35	
SOUTHERN CALIFORNIA WATER CO															
4560															
02S/12W-28K01S	FL001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-28N03S	CL001	35.20	34.67	36.66	38.53	37.30	38.14	38.01	36.00	38.99	37.80	39.09	37.39	447.78	
02S/12W-29A02S	GAG02	101.32	110.87	100.31	97.05	93.84	94.70	91.21	86.44	93.15	90.33	93.17	90.09	1142.48	
02S/12W-29A04S	GAG01	25.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.19	
02S/12W-29M05S	PRY02	42.50	23.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.03	
02S/12W-30G03S	WATS1	120.88	121.26	108.86	115.77	88.39	114.66E	105.71	104.03	127.87	127.36	127.91	128.30	1391.00	
02S/12W-30H02S	00002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/12W-31B03S	HOF02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-21E01S	G0004	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	
02S/13W-21K04S	CON 1	0.06	0.00	0.13	40.26	66.45	9.90	0.00	0.00	0.04	0.00	0.07	0.00	116.91	
02S/13W-21K07S	CON 2	126.31	125.88	121.35	126.76	133.68	141.91	141.80	131.44	140.57	135.68	139.47	134.33	1599.18	
02S/13W-23J01S	BIS01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-23J03S	BIS20	30.69	27.70	30.03	35.10	32.24	34.83	34.83	31.36	36.69	33.57	35.61	33.67	396.32	
02S/13W-24Q02S	OT001	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
02S/13W-24Q03S	OT002	22.99	21.88	19.74	20.06	18.82	20.17	21.53	18.52	10.98	0.00	0.00	0.00	174.69	
02S/13W-27E03S	NA003	42.23	41.68	40.88	41.97	40.64	43.26	43.92	40.79	43.12	43.86	55.65	58.68	536.68	
02S/13W-28G01S	MI003	29.27	0.00	50.20	106.90	92.50	123.97	32.29	0.00	99.93	117.17	118.47	114.68	885.38	
02S/13W-28G02S	MI001	11.88	17.06	8.49	0.56	7.05	25.08	59.55	68.47	42.16	40.28	56.72	51.58	388.88	
02S/13W-28G03S	MI002	73.11	94.85	62.98	18.71	3.82	0.00	0.00	0.00	0.00	0.00	0.00	7.26	260.73	
02S/13W-28H01S	NA002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/11W-07E01S	PI001	64.97	62.90	57.33	52.05	56.33	56.18	55.85	52.15	57.24	55.41	59.08	54.14	683.63	
03S/11W-07E02S	PI002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/11W-08H01S	MEYER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/11W-18G05S	DAC01	72.26	70.59	66.80	60.04	46.95	44.70	47.70	46.86	43.88	60.42	69.41	66.45	696.06	
03S/11W-30P02S	ELA01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/11W-31M03S	VIN02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-02R01S	ST002	57.37	53.60	48.26	52.46	46.80	49.15	48.36	43.06	49.54	51.84	54.69	52.32	607.45	
03S/12W-07Q05S	CTY01	19.28	20.24	17.51	17.72	13.80	13.84	14.76	13.15	13.37	13.43	16.21	15.13	188.44	
03S/12W-08M02S	C0002	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-12A02S	PI003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
03S/12W-13A02S	IMP02	111.13	100.16	89.04	86.65	76.23	70.51	65.34	62.95	74.53	70.43	90.02	90.70	987.69	
03S/12W-13A03S	IMP01	0.07	0.10	3.22	0.05	0.00	16.20	23.82	19.08	26.73	31.04	57.70	67.36	245.37	
03S/12W-13B04S	IMP03	71.63	61.12	46.88	49.32	30.48	11.60	0.00	0.00	0.00	0.92	0.29	0.00	272.24	

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN														
: STATE	: OWNERS	2003						2004						:	TOTAL	
: WELL	: DESIG-														:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
03S/12W-17A01S	MCK02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-17A02S	MCK03	76.54	79.99	71.82	65.86	52.20	51.97	52.23	45.48	56.88	63.34	75.37	74.01	765.69		
03S/12W-25Q03S	ROS02	0.34	0.00	0.11	0.08	0.00	0.11	0.00	62.94	95.32	91.91	70.55	0.00	321.36		
03S/12W-25R02S	MDSTN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-36B01S	ROS01	116.13	117.75	111.32	75.01	152.16E	114.31	113.07	109.13	116.19	113.47	116.29	111.50	1366.33		
03S/13W-04N01S	BEL03	78.28	76.90	80.72	95.59	90.73	97.70	94.62	79.09	89.33	87.84	99.01	97.22	1067.03		
03S/13W-04N03S	BEL01	71.27	69.94	48.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	189.36		
03S/13W-10L02S	WLBK1	95.20	97.14	89.13	76.99	61.36	61.68	61.60	54.57	66.76	69.61	62.78	74.88	871.70		
03S/13W-10L04S	WLBK3	18.80	17.16	22.80	27.59	19.22	27.28	26.97	27.86	26.94	25.93	41.04	26.95	308.54		
04S/11W-07E02S	00003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
04S/11W-07H02S	HAW01	85.07	85.53	81.54	82.11	79.24	81.49	84.03	81.14	86.95	83.82	84.54	77.16	992.62		
04S/11W-07L01S	CEN03	49.02	43.99	26.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.36	74.66	218.90		
04S/11W-07L03S	CEN04	57.78	60.52	57.27	60.81	58.26	58.85	63.93	61.51	68.90	67.23	59.91	46.46	721.43		
04S/11W-07L04S	CEN05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
04S/11W-07N01S	0024C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
04S/11W-07P02S	0024A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
04S/11W-18F01S	JUAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
04S/11W-18F02S	JUAN4	0.00	2.00	60.95	51.43	35.81E	41.85	24.61	38.90	38.66	37.13	41.01	33.71	406.06		
04S/12W-12J01S	MAS01	76.41	73.18	76.72	75.65	66.95	65.26	55.91	52.81	58.90	60.43	57.80	50.45	770.47		
PARTY TOTALS:		1783.18	1712.19	1636.07	1571.10	1501.25	1509.30	1401.65	1367.73	1603.62	1610.25	1746.22	1669.08	19111.64		
<u>SOUTHERN SERVICE CO &amp; ENVIRON INC</u>																
4570																
04S/12W-08N02S		14.73	15.75	12.65	16.19	13.18	16.20	17.06	13.25	13.16	21.16E	16.08	14.66	184.07		
<u>SOUTH GATE, CITY OF</u>																
4590																
02S/12W-31M02S	00007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
02S/12W-31Q02S	00025	240.85E	235.87E	204.39E	198.86E	137.55E	41.43E	0.00	139.10	130.82	179.41	114.05	17.61	1639.94		
02S/12W-31Q03S	00024	120.05	120.17	93.61	100.42	71.26	179.28	205.33	67.37	86.95	105.78	101.80	97.31	1349.33		
02S/13W-34Q03S	00026	67.20E	55.08E	53.68E	56.98E	27.61E	5.08E	0.00	0.00	0.00	0.00	0.00	0.00	265.63		
02S/13W-34R01S	00027	231.40	230.78	222.22	240.23	204.92	239.10	219.90	205.97	223.30	231.15	191.30	201.84	2642.11		
03S/12W-05M01S	0022B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
03S/12W-06B03S	00023	0.45	0.15	0.18	0.21	0.13	0.02	0.12	0.14	0.10	0.19	0.00	0.13	1.82		
03S/12W-06D01S	00013	253.56E	204.01E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	197.25	655.18		
03S/12W-06D02S	00014	225.42E	299.34E	248.89E	150.66E	108.00E	263.44E	260.43E	214.16E	284.59E	118.01	319.22	351.20	2843.36		
03S/12W-06D03S	00018	42.63	17.53	5.21	22.66	109.91	118.42	117.87	93.80	119.89	150.87	129.59	11.27	939.65		
03S/12W-06D04S	00019	1.35E	1.41E	197.47E	248.53E	113.49E	0.39E	1.33E	12.08E	0.31E	0.00	0.00	0.00	576.36		
PARTY TOTALS:		1182.91	1164.34	1025.65	1018.55	772.87	847.16	804.98	732.62	845.96	785.41	856.32	876.61	10913.38		

## CENTRAL BASIN

OCTOBER 2004

		PRODUCTION - CENTRAL BASIN														
: STATE	: OWNERS	2003					2004								:	TOTAL
: WELL	: DESIG-														:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN			
<u>SUBURBAN WATER SYSTEMS</u>																
4810																
03S/11W-22D01S	409	177.01	190.86	179.67	177.58	175.11	177.47	164.94	161.51	168.71	78.54	132.72	93.50	1877.62		
03S/11W-27L01S	410	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PARTY TOTALS:			190.86		177.58		177.47		161.51		78.54		93.50			
		177.01		179.67		175.11		164.94		168.71		132.72		1877.62		
<u>TRACT NUMBER 180 WATER CO</u>																
4980																
02S/13W-25H06S	6	73.83	72.30	65.86	66.71	66.59	44.37	68.42	53.14	30.80	74.26	160.05	106.38	882.71		
02S/13W-25H S	5	91.23	89.82	82.08	81.70	82.88	54.61	84.31	98.54	113.57	33.28	0.00	49.00	861.02		
PARTY TOTALS:			162.12		148.41		98.98		151.68		107.54		155.38			
		165.06		147.94		149.47		152.73		144.37		160.05		1743.73		
<u>TRACT 349 MUTUAL WATER CO</u>																
4990																
02S/12W-31D01S	3	92.64	93.62	85.25	86.26	76.70	76.84	78.57	69.52	78.26	74.75	84.62	81.73	978.76		
02S/13W-25C02S	2	8.25	6.60	6.43	5.66	2.87	2.29	1.79	3.88	6.10	8.99	8.87	10.27	72.00		
PARTY TOTALS:			100.22		91.92		79.13		73.40		83.74		92.00			
		100.89		91.68		79.57		80.36		84.36		93.49		1050.76		
<u>TUCKER, W AND OR BOBBY ROBERTSON</u>																
5019																
02S/13W-12P04S	BAND2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.12		
<u>UNITED STATES GYPSUM CO</u>																
5080																
02S/13W-36A02S	2	14.34	13.26	14.09	14.39	14.25	13.77	15.08	8.82	17.11	17.00	22.45	20.20	184.76		
02S/13W-36H02S	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PARTY TOTALS:			13.26		14.39		13.77		8.82		17.00		20.20			
		14.34		14.09		14.25		15.08		17.11		22.45		184.76		
<u>VERNON, CITY OF</u>																
5460																
02S/13W-10P05S	11	70.62	77.67	76.87	0.00	46.00	101.37	40.65	25.17	96.84	21.65	35.96	112.17	704.97		

## CENTRAL BASIN

OCTOBER 2004

02S/13W-10P08S	16	81.85	93.11	81.14	113.73	117.34	93.68	85.99	114.24	50.93	120.58	159.24	65.00	1176.83
02S/13W-11E04S	14	0.00	0.71	111.47	35.70	0.00	0.00	0.00	0.00	0.00	0.00	24.59	205.23	377.70
02S/13W-11R04S	12	34.43	26.21	17.39	0.06	1.95	60.07	13.10	13.43	15.13	19.45	38.98	17.44	257.64
02S/13W-11R06S	17	89.92	110.81	131.79	201.88	171.97	144.20	153.03	120.84	130.90	135.68	88.99	122.53	1602.54
02S/13W-13H02S	20	95.62	104.05	153.50	124.47	107.41	126.67	116.04E	83.29	144.45	128.69	162.33	134.41	1480.93
02S/13W-14H04S	15	133.96	187.64	162.92	192.45	170.69	143.10	175.64	169.90	173.95	178.38	181.67	138.82	2009.12
02S/13W-14H05S	19	150.06	123.07	38.33	143.38	41.24	0.00	148.06	131.22E	138.43	142.30	122.31	117.69	1296.09
02S/13W-15E02S	18	53.61	35.42	23.89	0.44	0.14	0.46	0.00	0.66	0.61	0.38	0.34	0.20	116.15
PARTY TOTALS:			758.69		812.11		669.55		658.75		747.11		913.49	
		710.07		797.30		656.74		732.51		751.24		814.41		9021.97
<b><u>VIRGINIA COUNTRY CLUB</u></b>														
5490														
04S/13W-12E10S	VIR2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04S/13W-12M06S	TEX1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTY TOTALS:			0.00		0.00		0.00		0.00		0.00		0.00	
		0.00		0.00		0.00		0.00		0.00		0.00		0.00
<b><u>WALNUT PARK MUTUAL WATER CO</u></b>														
5610														
02S/13W-27B19S	00009	0.00	0.00											0.00
02S/13W-27B20S	00010	65.43	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.48	57.48	146.49
02S/13W-27B22S	00011	96.28	146.35	134.99	53.45	0.00	0.00	0.00	0.00	0.00	0.00	1.26	51.36	483.69
PARTY TOTALS:			164.45		53.45		0.00		0.00		0.00		108.84	
		161.71		134.99		0.00		0.00		0.00		6.74		630.18
<b><u>WHITTIER, CITY OF</u></b>														
5660														
02S/11W-05N04S	00014	232.87	274.38	245.22	243.10	49.14	0.00	0.00	0.00	54.16	66.26	7.20	0.00	1172.33
02S/11W-07H01S	00008	16.49	7.84	1.88	0.44	0.77	0.00	0.00	0.00	8.25	2.50	1.62	1.00	40.79
02S/11W-07J01S	00007	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTY TOTALS:			282.22		243.54		0.00		0.00		68.76		1.00	
		249.36		247.10		49.91		0.00		62.41		8.82		1213.12
<b><u>WHITTIER UNION HIGH SCHOOL DIST</u></b>														
5670														
02S/11W-32J04S	SH550	3.85	5.15	3.08	1.73	0.87	0.26	1.29	1.57	2.03	3.29	3.75	4.77	31.64
03S/11W-03C01S	CHS40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03S/12W-01G09S	SF50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PARTY TOTALS:			5.15		1.73		0.26		1.57		3.29		4.77	
		3.85		3.08		0.87		1.29		2.03		3.75		31.64

<b><u>YAMAMOTO, GEORGE AND ALICE</u></b>															
5800															
03S/12W-29J02S	68TH	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03
BASIN TOTALS:		19378.33	16534.03	14398.18	13412.23	14490.09	18152.41								
		19252.72	18933.60	14314.19	14921.49	14328.13	17899.17	196014.57							

PRODUCTION - SMALL PRODUCERS															
: STATE	: OWNERS	2003				2004								:	TOTAL
: WELL	: DESIG-													:	
: NUMBER	: NATION	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN		
<b><u>ARZUMAN, CHARLES AND NEUART</u></b>															
0180															
04S/11W-05H06S				0.00			0.00			0.00			0.00		0.00
<b><u>ATLAS IRON AND METAL CO</u></b>															
0225															
02S/13W-34Q02S	1			0.06E			0.06E			0.06E			0.06E		0.24
<b><u>BANNAN, CHARLES F</u></b>															
0295															
02S/12W-33A04S				0.00			0.00			0.00			0.00		0.00
<b><u>BUELL, MARY DOLORES</u></b>															
0657															
03S/12W-35B06S				0.17E			0.17E			0.17E			0.17E		0.68
<b><u>DEMENNO/KERDOON</u></b>															
1333															
03S/13W-14M02S	RW-3			0.00			0.00			0.01			0.03		0.04
03S/13W-14M03S	RW-6			0.01			0.00			0.07			0.17		0.25
03S/13W-14M04S	RW-11			0.00			0.00			0.00			0.00		0.00
03S/13W-15H02S	RW-2			0.00			0.00			0.04			0.12		0.16
03S/13W-15H03S	RW-7			0.00			0.00			0.00			0.00		0.00
03S/13W-15H04S	RW-8			0.00			0.00			0.00			0.00		0.00
03S/13W-15H05S	RW-10			0.00			0.00			0.12E			2.44		2.56
03S/13W-15H06S	RW-4			0.00			0.02			0.07			0.07		0.16
03S/13W-15J01S	RW-1			0.00			0.00			0.02			0.09		0.11
03S/13W-15J02S	RW-5			0.22			0.02			0.17			0.30		0.71
03S/13W-17H07S	RW-9			0.00			0.00			0.00			0.00		0.00
PARTY TOTALS:			0.00		0.00		0.04		0.00		0.00		3.22		

## CENTRAL BASIN

OCTOBER 2004

PRODUCTION - SMALL PRODUCERS														
: STATE :	OWNERS :	2003					2004					:	TOTAL	
: WELL :	DESIG- :											:		
: NUMBER :	NATION :	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
		0.00		0.23		0.00		0.00		0.50		0.00		3.99
1745		<u>FURR, NANCY J</u>												
	03S/12W-21G05S			0.03E			0.03E			0.03E			0.03E	0.12
1960		<u>GORDON, ROBERT E</u>												
	04S/12W-12D01S			0.17E			0.17E			0.17E			0.17E	0.68
1987		<u>GRANT, JOHN</u>												
	03S/12W-26R04S			0.17E			0.17E			0.17E			0.17E	0.68
3040		<u>LUSSMAN, PAUL H JR, ET AL</u>												
	03S/12W-32G01S			0.06E			0.06E			0.06E			0.06E	0.24
4349		<u>SCANTLEBURY, ROBERT P</u>												
	03S/11W-07N01S 1			0.34			0.13			0.00			0.28	0.75
BASIN TOTALS:		0.00	0.00	1.23	0.00	0.00	0.83	0.00	0.00	1.16	0.00	0.00	4.16	7.38

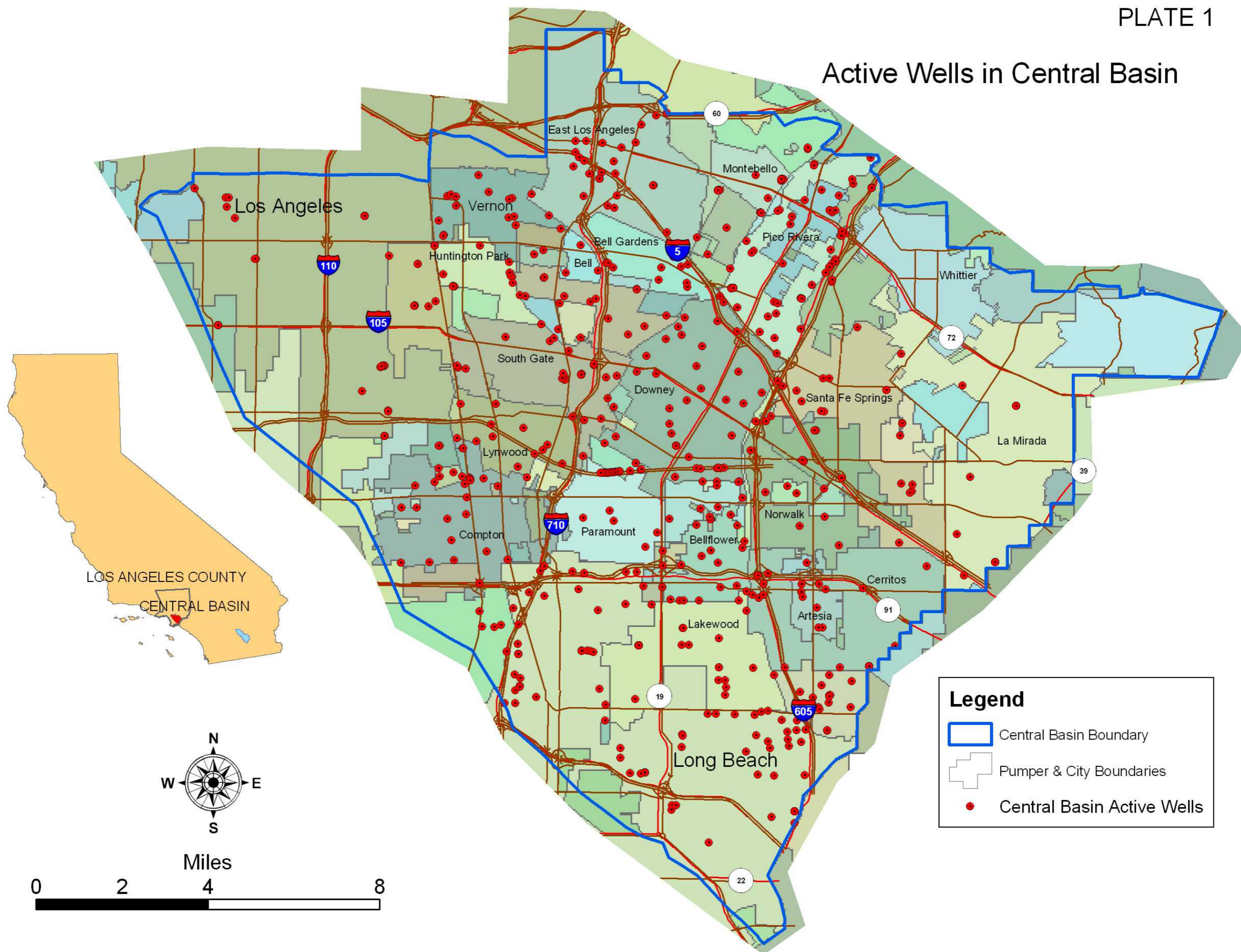
## APPENDIX D. CHANGES IN WELL STATUS

Party	Recordation No.	State Well No.	Owner Designation
<b><u>New Wells</u></b>			
Ashland Chemical Company (Completed in July 2003)	1909990	3S/11W-05K004S	EX-4
Ashland Chemical Company (Completed in July 2003)	1909991	3S/11W-05K005S	EX-5
Central Basin Municipal Water Dist. (Completed in February 2003)	1909993	2S/11W-07D010S	CB-1
Central Basin Municipal Water Dist. (Completed in April 2002)	1909994	2S/11W-07C005S	CB-2
Lakewood City of (Completed in February 2001)	1909976	4S/12W-03A002S	15A
Lakewood City of (Completed in May 2003)	1909989	4S/12W-02F002S	13A
Los Angeles City of LADWP (Completed in June 2002)		2S/13W-32R019S	14
Los Angeles City of LADWP (Completed in March 2002)		2S/13W-32R020S	15
Maywood Mutual Water Company #3 (Completed in February 2004)	1909992	2S/12W-19C003S	3
<b><u>Destroyed Wells</u></b>			
Bellflower-Somerset Mutual Water Company (Destroyed in October 2003)	1900767	3S/12W-28H003S	00767
California Water Service Company (Destroyed in July 2003)	1900156	2S/12W-05A001S	1502
California Water Service Company (Destroyed in August 2003)	1900164	2S/12W-07C001S	2801
La Habra Heights County Water Dist. (Destroyed in March 2004)	1901088	2S/11W-10M004S	2
La Habra Heights County Water Dist. (Destroyed in March 2004)	1901089	2S/11W-19L001S	3
La Habra Heights County Water Dist. (Destroyed in March 2004)	1901090	2S/11W-19F003S	5

**APPENDIX D. CHANGES IN WELL STATUS (Con't)**

Party	Recordation No.	State Well No.	Owner Designation
<b><u>Destroyed Wells (Con't)</u></b>			
Lakewood City of (Destroyed in August 2003)	1909132	3S/12W-33R001S	LK011
Maywood Mutual Water Co. #2 (Destroyed in October 2001)	1909153	2S/13W-13R001S	Pine Ave
Southern California Water Company (Destroyed in July 2000)	1902225	4S/11W-18F001S	Juan
Southern California Water Company (Destroyed in February 2001)	1902048	2S/12W-28K001S	Florence 1
South Gate City of (Destroyed in October 2002)	1901548	2S13W-35A001S	2
Union Development Co. Inc. (Destroyed in December 2003)		3S/12W-26Q006S	
Walnut Park Mutual Water Co. (Destroyed in July 2003)	1902472	2S/13W-27B019S	9
Whittier City of (Destroyed in April 2002)	1901742	2S/11W-18K003S	5

# Active Wells in Central Basin



**Legend**

- Central Basin Boundary
- Pumper & City Boundaries
- Central Basin Active Wells